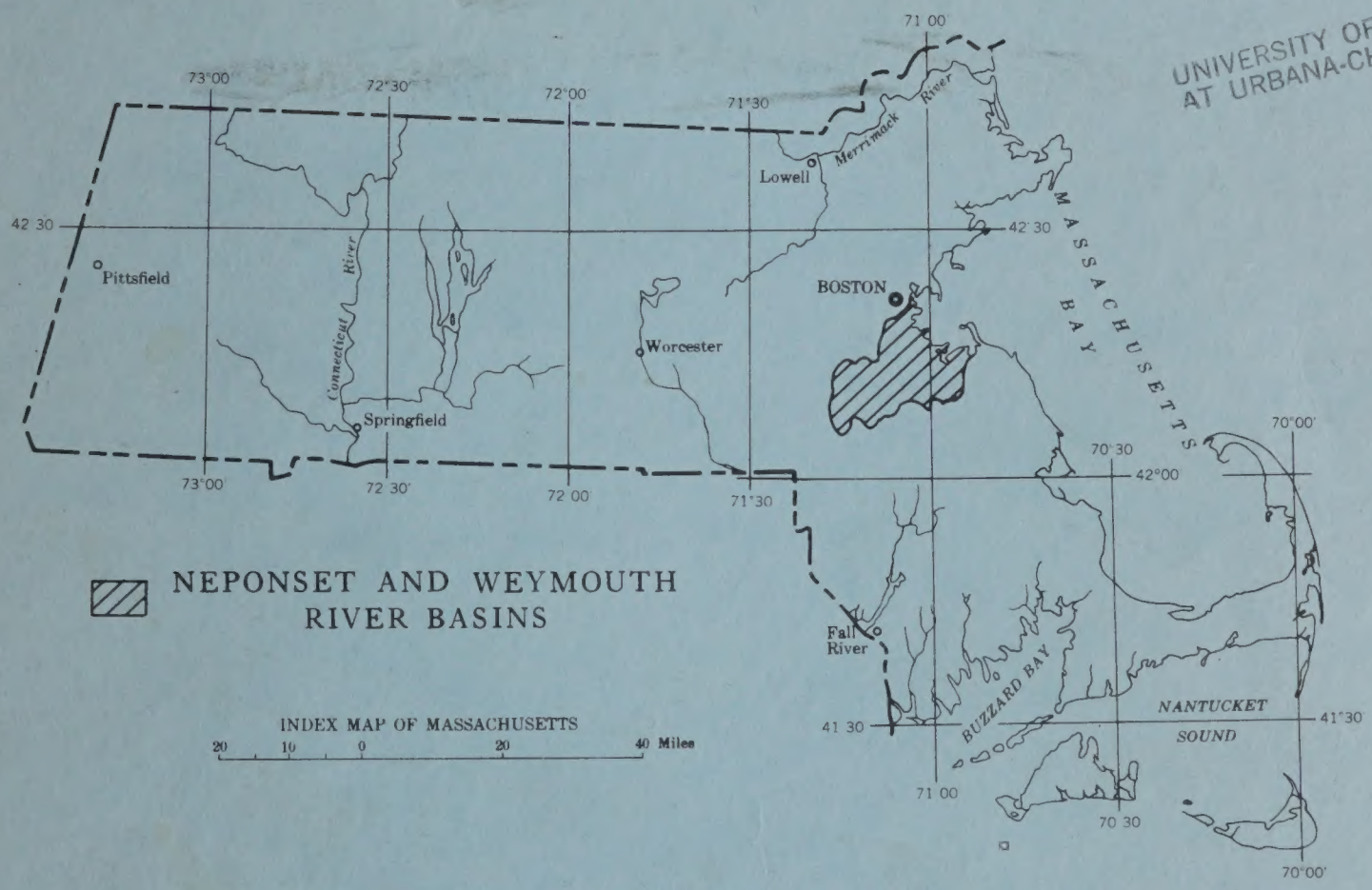
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MASSACHUSETTS HYDROLOGIC-DATA REPORT No. 14

HYDROLOGIC DATA OF THE NEPONSET AND WEYMOUTH RIVER BASINS, MASSACHUSETTS

BY
R. A. BRACKLEY, WILLIAM B. FLECK AND RICHARD E. WILLEY



PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

1973

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

HYDROLOGIC DATA OF THE NEPONSET AND WEYMOUTH RIVER BASINS, MASSACHUSETTS

By

R. A. Brackley, William B. Fleck, and Richard E. Willey

Massachusetts Hydrologic-Data Report No. 14

Records of surface-water discharges, selected wells and borings, and chemical analyses of water in the Neponset and Weymouth River basins, Massachusetts

Prepared in cooperation with

THE COMMONWEALTH OF MASSACHUSETTS, WATER RESOURCES COMMISSION

Boston, Massachusetts

1973

OPEN-FILE REPORT

CONTENTS

ILLUSTRATIONS

Plate is in pocket

TABLES

HYDROLOGIC DATA OF THE NEPONSET AND WEYMOUTH RIVER BASINS, MASSACHUSETTS

By

R. A. Brackley, William B. Fleck, and Richard E. Willey

INTRODUCTION

The Neponset, Weymouth Fore, and Weymouth Back River basins occupy an area of 183 square miles in eastern Massachusetts south of Boston and Braintree, Brockton, Canton, Dedham, Dover, Foxborough, Hingham, Holbrook, Medfield, Milton, Norwood, Quincy, Randolph, Rockland, Sharon, Stoughton, Walpole, Westwood, and Weymouth.

Hydrologic data presented in this report were collected during an investigation of the water resources in the areas of these basins that are upstream from tide effect or heavy urbanization. This investigation was conducted by the U.S. Geological Survey in cooperation with the Massachusetts Water Resources Commission. The data are released in order to make available to the public basic hydrologic and related information that will facilitate the planning of water-resources development and will complement an interpretive report, "Hydrology and water resources of the Neponset and Weymouth River basins, Massachusetts" (HA-484).

The well and boring data contained herein were selected from a larger group of data in order to minimize redundancy of information for intensely drilled areas. All of the data are on file and available for inspection at the office of the U.S. Geological Survey, Water Resources Division, Boston, Massachusetts.

SOURCES OF INFORMATION

In addition to streamflow, geologic, ground water, and chemical water-quality data obtained in the field by personnel of the Geological Survey, information on many wells and borings has been supplied by municipal and state agencies. Also, Metcalf and Eddy, Whitman and Howard, Weston and Sampson, consulting engineering firms in Boston, kindly furnished additional data on wells and borings. Further, R.E. Chapman Co., Oakdale, Mass.; Layne-New England Co., Arlington, Mass.; and D.L. Maher Co., North Reading, Mass., drilling companies, generously supplied logs and other records of wells.

The authors thank all those who supplied data and those who allowed personnel of the Geological Survey to install equipment and to collect data on their property.

DEFINITION OF TERMS

Definition of terms related to streamflow, water quality, and other hydrologic data, as used in this report, are defined as follows:

Color is expressed in units of the platinum-cobalt scale proposed by Hazen (1892, p. 427-428). A unit of color is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion.

The extent to which water is colored by material in solution is reported as part of the water analysis because a significant color in water may indicate the presence of organic material that may have some bearing on the dissolved-solids content.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second, 448.8 gallons per minute, or 646,317 gallons per day.

Discharge is the volume of water that passes a given point at a particular instant of time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gaging station is a particular site on a stream where systematic observations of gage height or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is obtained.

Hardness of water is a physical-chemical characteristic attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Hardpan is a term commonly applied by New England drillers to a glacial deposit that resists penetration by light drilling equipment. The material is commonly till.

Micrograms per liter (µg/l, UG/L) is a precise unit for expressing the concentration of chemical constituents in solution. One thousand micrograms per liter is equivalent to 1 milligram per liter. See below.

Milligrams per liter (mg/l, MG/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight of solute per unit volume of water. Milligrams or micrograms per liter may be converted to milliequivalents (one thousandth of a gram-equivalent weight of a constituent) per liter by multiplying by the factors in the table below. Concentration of suspended sediment expressed in milligrams per liter is based on the weight of sediment in a liter of water-sediment mixture.

Ion	Multiply by	Ion	Multiply by
Aluminum (Al^{+3})*.....	0.11119	Lead (Pb^{+2})*.....	0.00965
Bicarbonate (HCO_3^{-1}).....	.01639	Lithium (Li^{+1})*.....	.14411
Calcium (Ca^{+2}).....	.04990	Magnesium (Mg^{+2}).....	.08226
Carbonate (CO_3^{-2}).....	.03333	Manganese (Mn^{+2})*.....	.03640
Chloride (Cl^{-1}).....	.02821	Nitrate (NO_3^{-1}).....	.01613
Chromium (Cr^{+6})*.....	.11539	Potassium (K^{+1}).....	.02557
Cobalt (Co^{+2})*.....	.03394	Sodium (Na^{+1}).....	.04350
Copper (Cu^{+2})*.....	.03148	Strontium (Sr^{+2})*.....	.02283
Fluoride (F^{-1}).....	.05264	Sulfate (SO_4^{-2}).....	.02082
Iron (Fe^{+3})*.....	.05372	Zinc (Zn^{+2})*.....	.03060

*Constituent reported in micrograms per liter; multiply by factor and divide results by 1,000.

pH is a symbol denoting the relative concentration of hydrogen ions in a solution; pH values range from 0 to 14--the lower the value, the more acid is the solution; i.e., the more hydrogen ions it contains.

Refusal is a drilling term indicating the depth of a drill hole at which further penetration is impossible or impractical with the equipment being used.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos). This relation is not constant from stream to stream or from well to well, and it may even vary at a sampling site with changes in the composition of the water.

Temperature. To convert temperature data shown in degrees Celsius (centigrade, °C) to degrees Fahrenheit (°F), see following table:

Temperature conversion table,
degrees Celsius (°C) to degrees Fahrenheit (°F)
°F = 9/5 (°C) +32 or °C = 5/9 (°F -32)

°C	°F	°C	°F	°C	°F	°C	°F
0.0	32	10.0	50	20.0	68	30.0	86
.5	33	10.5	51	20.5	69	30.5	87
1.0	34	11.0	52	21.0	70	31.0	88
1.5	35	11.5	53	21.5	71	31.5	89
2.0	36	12.0	54	22.0	72	32.0	90
3.0	37	13.0	55	23.0	72	33.0	91
3.5	38	13.5	56	23.5	74	33.5	92
4.0	39	14.0	57	24.0	75	34.0	93
4.5	40	14.5	58	24.5	76	34.5	94
5.0	41	15.0	59	25.0	77	35.0	95
5.5	42	15.5	60	25.5	78	35.5	96
6.0	43	16.0	61	26.0	79	36.0	97
6.5	44	16.5	62	26.5	80	36.5	98
7.0	45	17.0	63	27.0	81	37.0	99
8.0	46	18.0	64	28.0	82	28.0	100
8.5	47	18.5	65	28.5	83	38.5	101
9.0	48	19.0	66	29.0	84	39.0	102
9.5	49	19.5	67	29.5	85	39.5	103

Till is a geologic term for a glacial deposit of predominantly unsorted, unstratified material ranging in size from boulders to clay, commonly so compact that it is difficult to penetrate with light drilling equipment.

SELECTED EQUIVALENTS

1 cubic foot per second = 7.48 gallons per second
449 gallons per minute
0.646 million gallons per day
86,400 cubic feet per day

1 million gallons per day = 1.55 cubic feet per second
92.8 cubic feet per minute
0.134 million cubic feet per day
694 gallons per minute

1 milligram per liter = 1 part per million

SELECTED REFERENCES

Brown, Eugene, Skougstad, M.W., and Fishman, M.J., 1970, Methods for collection and analysis of water samples for dissolved minerals and gases: U.S. Geol. Survey Techniques of Water-Resources Inv., book 5, chap. A1, 160 p.

Carter, R.W., and Davidian, Jacob, 1968, General procedure for gaging streams: U.S. Geol. Survey Techniques of Water-Resources Inv., book 3, chap. A6, 13 p.

Colby, B.R., 1963, Fluvial sediments--a summary of source, transportation deposition, and measurement of sediment discharge: U.S. Geol. Survey Bull. 1181-A, 47 p.

Corbett, D.M., and others, 1943, reprinted 1957, Stream-gaging procedure a manual describing methods and practices of the Geological Survey: U.S. Geol. Survey Water-Supply Paper 888, 245 p.

Hazen, Allen, 1892, A new color standard for natural waters: Am. Chem. Jour., v. 12, p. 427-428.

Hem, J.D., 1970, Study and interpretation of the chemical characteristics of natural water, 2d ed.: U.S. Geol. Survey Water-Supply Paper 1473, 363 p.

Langbein, W.B., and Iseri, K.T., 1960, General introduction and hydrologic definitions: U.S. Geol. Survey Water-Supply Paper 1541-A, 29 p.

Rainwater, F.H., and Thatcher, L.L., 1960, Methods for collection and analysis of water samples: U.S. Geol. Survey Water-Supply Paper 1454, 301 p.

U.S. Geological Survey, 1954, Compilation of records of surface waters of the United States through September 1950, pt. 1-A, North Atlantic slope basins, Maine to Connecticut: U.S. Geol. Survey Water-Supply Paper 1301, 380 p.

_____1964, Compilation of records of surface waters of the United States October 1950 to September 1960, pt. 1-A, North Atlantic slope basins, Maine to Connecticut: U.S. Geol. Survey Water-Supply Paper 1721, 317 p.

_____1966-73, Water resources data for Massachusetts, New Hampshire, Rhode Island, Vermont, 1965-71: Boston, Mass., Water Resources Div., issued annually.

_____1969, Surface water supply of the United States 1961-65, pt. 1, v. 1, North Atlantic slope basins, Maine to Connecticut: U.S. Geol. Survey Water-Supply Paper 1901, 1027 p.

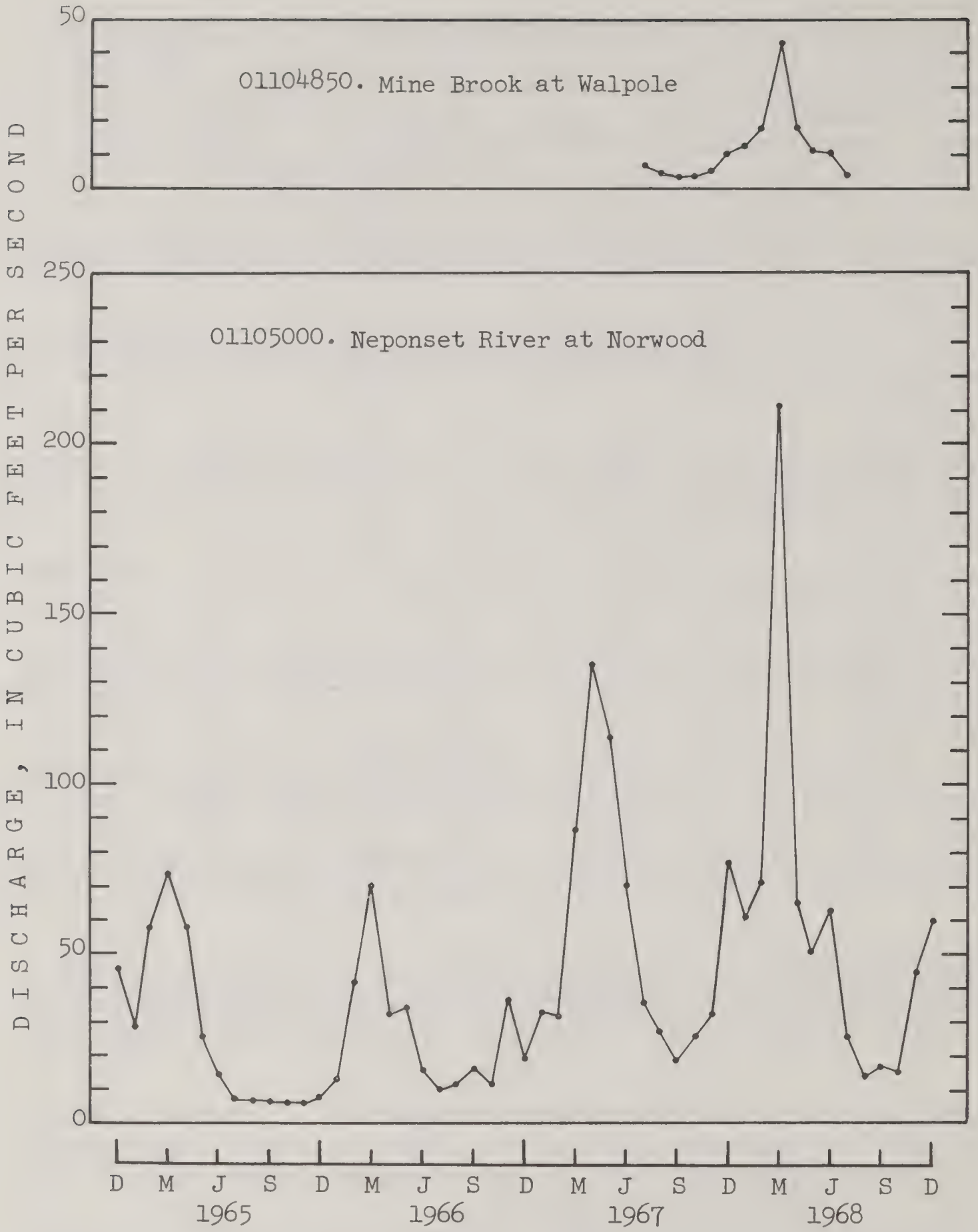


Figure 1.--Monthly mean discharge at stream-gaging stations and monthend water level in selected wells in the Neponset and Weymouth River basins, 1965-68

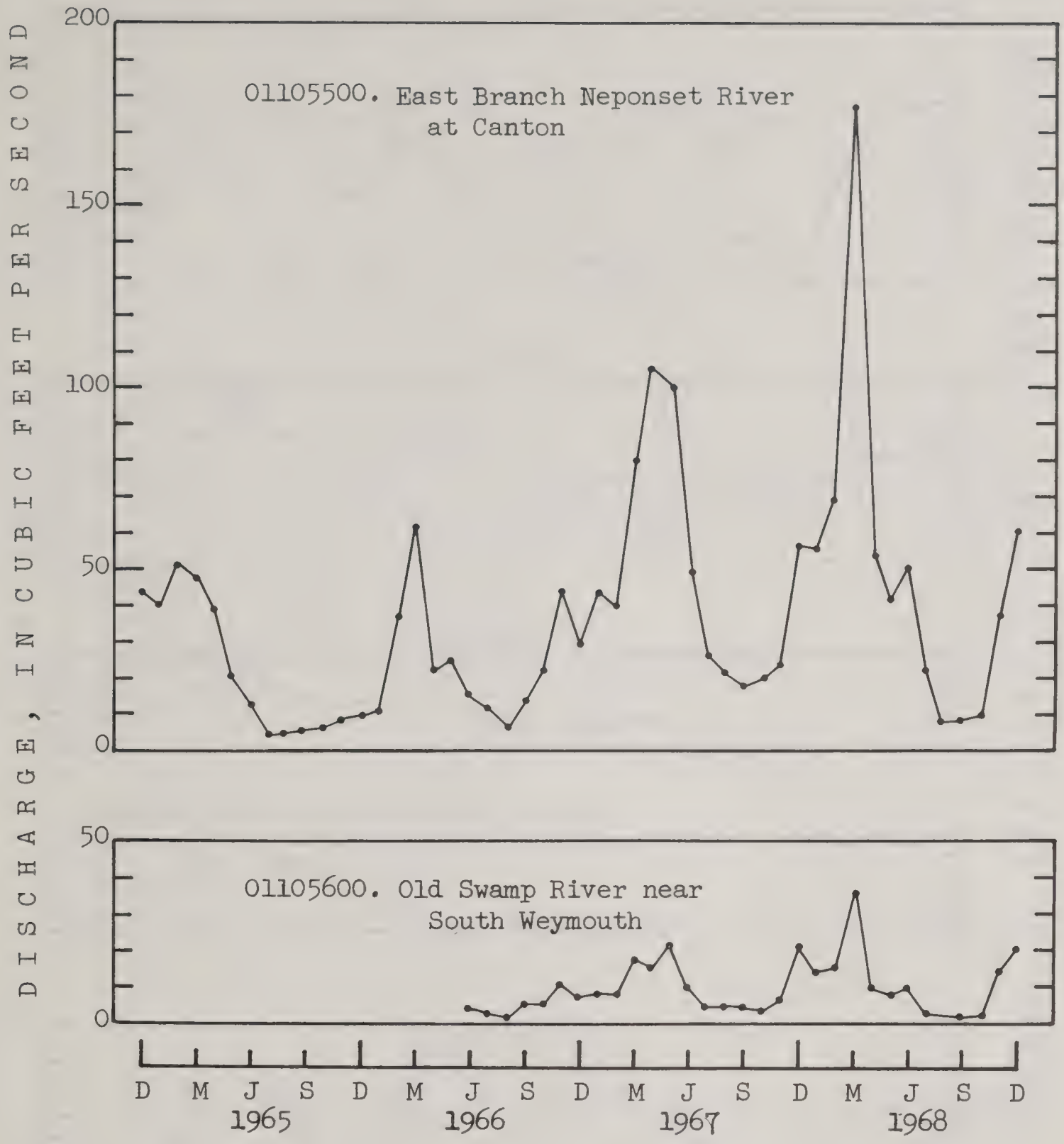
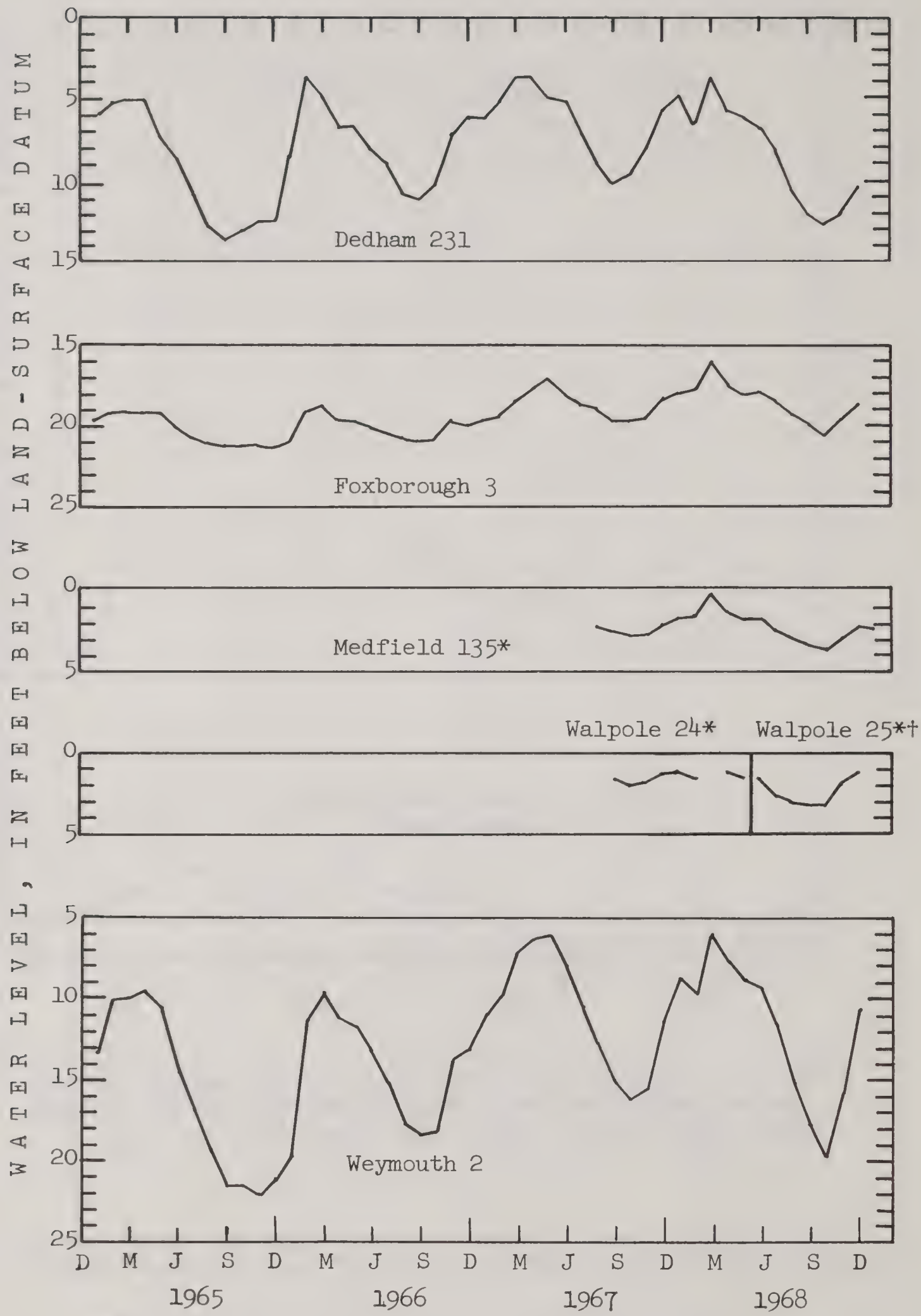


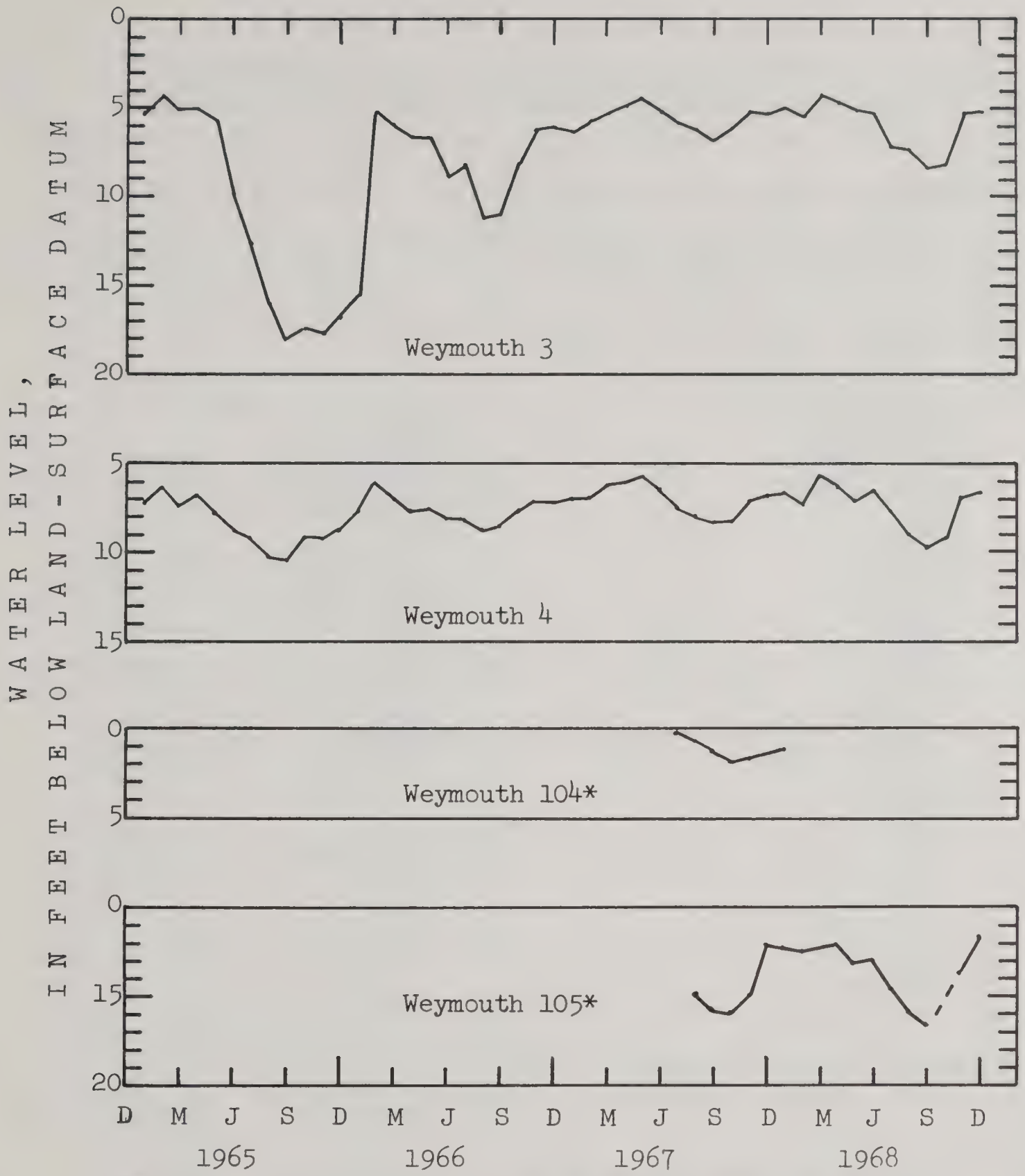
Figure 1.--Monthly mean discharge at stream-gaging stations and monthend water level in selected wells in the Neponset and Weymouth River basins, 1965-68.--Continued



* Well equipped with continuous water-stage recorder.

† Water level adjusted for difference between land-surface elevations at Walpole 24 and Walpole 25. Water level affected, at times, by ground-water pumpage.

Figure 1.--Monthly mean discharge at stream-gaging stations and monthend water level in selected wells in the Neponset and Weymouth River basins, 1965-68.--Continued



* Well equipped with continuous water-stage recorder.

Figure 1.--Monthly mean discharge at stream-gaging stations and monthend water level in selected wells in the Neponset and Weymouth River basins, 1965-68.--Continued

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS

LOCAL WELL NUMBER: LETTER PREFIX INDICATES--A, U.S. GEOLOGICAL SURVEY AUGER BORING; B, BRIDGE BORING; R, ROADWAY BORING; W, WELL OR TEST WELL (THE "W" IS OMITTED FROM PLATE 1 TO CONSERVE SPACE); X, MISCELLANEOUS TEST BORING.

LATITUDE-LONGITUDE: NUMBER FOLLOWING DECIMAL POINT INDICATES NUMBER OF WELLS OR BORINGS IN A 1-SECOND GRID.

ALTITUDE OF LAND-SURFACE DATUM: ALTITUDES ARE EXPRESSED IN FEET ABOVE MEAN SEA LEVEL; THOSE PRECEDED BY A MINUS SIGN ARE BELOW MEAN SEA LEVEL.

METHOD DRILLED: A, AIR-ROTARY; B, BORED OR AUGERED; C, CABLE TOOL; D, DUG; H, HYDRAULIC-ROTARY; J, JETTED; P, AIR-PERCUSSION; R, REVERSE-ROTARY; T, TRENCHED; V, DRIVEN; W, DRIVE-WASH.

WELL FINISH: C, POROUS CONCRETE; F, GRAVEL WALL WITH PERFORATED OR SLOTTED CASING; G, GRAVEL WALL WITH COMMERCIAL SCREEN; H, HORIZONTAL GALLERY OR COLLECTOR; O, OPEN END; P, PERFORATED OR SLOTTED CASING; S, SCREEN; T, SAND POINT; W, WALLED OR SHORED; X, OPEN HOLE IN AQUIFER (GENERALLY CASED TO AQUIFER).

WELL DEPTH: DEPTH OF FINISHED WELL, IN FEET BELOW LAND SURFACE.

WELL USE: A, ANODE; D, DRAINAGE; G, SEISMIC HOLE; H, HEAT RESERVOIR; O, OBSERVATION; P, OIL OR GAS; R, RECHARGE; T, TEST; U, UNUSED; W, WATER WITHDRAWAL; X, WASTE DISPOSAL; Z, DESTROYED.

WATER-BEARING MATERIAL: PRINCIPAL WATER-BEARING ZONE.

ADJECTIVE (FIRST CHARACTER)	
1	VERY FINE GRAINED
2	FINE GRAINED
3	MEDIUM GRAINED
4	COARSE GRAINED
5	VERY COARSE GRAINED
6	CLAYEY
7	SILTY
8	SANDY
9	GRAVELLY
O	CAVERNOUS
A	ARGILLACEOUS
B	BOULDERY
C	CALCAREOUS
D	DENSE
E	CONCRETIONARY
F	IRONSTAINED OR IRON CEMENTED
G	GRANULAR
H	HARD
I	INTERBEDDED
J	JOINTED OR FRACTURED
K	COLUMNAR
L	LAMINATED OR BANDED
M	MASSIVE
N	NONCALCAREOUS
O	ORGANIC
P	POORLY SORTED
Q	CHERTY OR SILICEOUS
R	REDBED
S	SOFT
T	"SALT AND PEPPER"
U	UNCONSOLIDATED
V	SEMICONSOLIDATED
W	WELL SORTED
X	CROSS BEDDED
Y	SHALY OR SLATY
Z	WEATHERED

LITHOLOGY (SECOND CHARACTER)	
A	ALLUVIUM
B	SEDIMENTARY ROCK, UNCLASSIFIED
C	CONGLOMERATE
D	DOLOMITE
E	GYPSUM OR ANHYDRITE
F	SHALE
G	GRAVEL
H	IGNEOUS, GRANULAR (GABBRO, GRANITE, ETC.)
I	IGNEOUS, APHANITIC OR GLASSY (BASALT, ETC.)
J	IGNEOUS, UNCONSOLIDATED (TUFF, VOLCANIC ASH)
K	SAPROLITE
L	LIMESTONE
M	MARL OR SHELL MARL
N	METAMORPHIC, COARSE GRAINED (GNEISS, MARBLE, QUARTZITE)
O	METAMORPHIC, FINE GRAINED (SCHIST, SLATE)
P	CLAY
Q	SILT OR LOESS
R	SAND AND GRAVEL
S	SAND
T	TILL
U	UNCONSOLIDATED SEDIMENT
V	SANDSTONE
W	SILTSTONE
X	SILTY SAND
Y	CLAYEY GRAVEL
Z	OTHER

WATER LEVEL: LEVELS ARE GIVEN IN FEET BELOW LAND SURFACE; "+" INDICATES WATER LEVEL ABOVE LAND SURFACE; "F" INDICATES FLOWING WELL.

WATER USE: A, AIR CONDITIONING; B, BOTTLING; C, COMMERCIAL; D, DEWATERING; E, POWER GENERATION; F, FIRE PROTECTION; H, DOMESTIC; I, IRRIGATION; M, MEDICINAL; N, INDUSTRIAL (INCLUDES MINING); P, PUBLIC SUPPLY; R, RECREATION; S, STOCK; T, INSTITUTIONAL; U, UNUSED; V, REPRESSURIZATION; W, RECHARGE; X, DESALINATION--PUBLIC SUPPLIES; Y, DESALINATION--OTHER SUPPLIES.

PUMPAGE/YIELD: IN GALLONS PER MINUTE (GPM).

PUMPAGE/DRAWDOWN: THE DIFFERENCE BETWEEN STATIC WATER LEVEL AND PUMPING LEVEL.

PUMPAGE/TIME: THE FOLLOWING CODES ARE USED FOR PUMPING PERIODS OF LESS THAN 1 HOUR: A, THROUGH 15 MINUTES; B, 16 TO 30 MINUTES; C, 31 TO 45 MINUTES; D, 46 TO 59 MINUTES.

LOG: D, DRILLER'S LOG; E, ELECTRIC LOG; G, GEOLOGIST'S LOG AVAILABLE IN TABLE 2.

QW: TYPE OF CHEMICAL ANALYSIS AVAILABLE IN TABLE 3. C, COMPLETE; J, CONDUCTANCE AND CHLORIDE; K, CONDUCTANCE; L, CHLORIDE; M, MULTIPLE (INCLUDES ONE COMPLETE AND ONE OR MORE PARTIAL); P, PARTIAL.

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/METHOD DRILLED		WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
												ABINGTON								
W	38	420703N0710001.1	218	SWINIMER B H	--	D	24	W	14	W	--	T	10	9-58	H	--	--	--	-	-
W	53	420723N0710001.1	242	EATON EARL	1967	A	6	X	262	W	15	H	18	10-67	H	1	--	--	-	-
												AVON								
W	3	420752N0710143.1	160	MARINO A	--	C	6	X	87	W	20	H	--	--	H	10	--	--	-	-
W	44	420819N0710239.1	220	AVON TOWN OF	1958	W	2	P	21	T	--	S	--	--	U	--	--	--	D	-
W	45	420801N0710245.1	230	AVON TOWN OF	1958	W	2	P	16	T	--	T	--	--	U	--	--	--	D	-
W	46	420810N0710247.1	220	AVON TOWN OF	1958	W	2	P	30	T	--	T	--	--	U	--	--	--	D	-
W	52	420844N0710339.1	200	AVON TOWN OF	1958	W	2	P	11	T	--	T	--	--	U	--	--	--	D	-
												BOSTON								
W	397	421404N0710810.1	50	BERKE DISTILL	1937	-	18	S	98	W	--	R	9	12-37	N	400	12	--	D	-
												BRAINTREE								
W	1	421245N0710203.1	130	BLUE HILLS CEM	1934	W	2	T	30	W	--	UR	--	--	I	--	--	--	-	C
W	2	421227N0710228.1	120	TOWN BRAINTREE	1950	W	2	O	54	T	--	--	--	--	U	--	--	--	-	-
W	4	421142N0710103.1	100	TOWN BRAINTREE	1950	W	2	O	51	T	--	--	--	--	U	--	--	--	-	-
W	6	421241N0710010.2	100	TOWN BRAINTREE	1950	W	2	O	56	T	--	--	--	--	U	--	--	--	-	-
W	22	421228N0710115.2	125	TOWN BRAINTREE	1951	W	2	O	114	T	--	T	--	--	U	--	--	--	D	-
W	23	421201N0710042.1	120	TOWN BRAINTREE	1955	W	2	O	55	T	--	R	6	11-55	U	--	--	--	D	-
W	25	421203N0710056.2	145	TOWN BRAINTREE	1955	W	2	O	44	T	--	TS	4	11-55	U	--	--	--	D	-
W	26	421128N0710117.1	100	TOWN BRAINTREE	1955	W	2	O	44	T	--	R	2	9-55	U	--	--	--	D	-
W	28	421122N0710120.1	100	TOWN BRAINTREE	1955	W	2	O	36	T	--	R	--	--	U	70	--	--	D	-
W	32	421142N0710230.2	130	TOWN BRAINTREE	1955	W	2	O	23	T	--	T	2	12-55	U	--	--	--	D	-
W	33	421239N0710156.1	130	TOWN BRAINTREE	1955	W	2	O	18	T	--	T	2	12-55	U	--	--	--	D	-
W	66	421150N0705951.4	90	TOWN BRAINTREE	1957	W	2	O	48	T	--	R	8	10-57	U	10	--	--	D	-
W	68	421125N0705953.2	100	TOWN BRAINTREE	1957	W	2	O	20	T	--	T	--	--	U	--	--	--	D	-
W	73	421157N0710129.3	110	TOWN BRAINTREE	1957	W	2	O	27	T	--	R	4	10-57	U	10	--	--	D	-
W	77	421229N0710229.2	120	TOWN BRAINTREE	1959	W	2	O	47	T	--	UR	2	6-59	U	10	--	--	D	-
W	82	421145N0710211.3	160	TOWN BRAINTREE	1959	W	2	O	6	T	--	UT	--	--	U	--	--	--	D	-
W	86	421136N0710126.2	100	TOWN BRAINTREE	1959	W	2	O	26	T	--	R	3	11-59	U	75	--	--	D	-
W	90	421137N0710217.1	155	TOWN BRAINTREE	1959	W	2	O	19	T	--	UR	0	11-59	U	--	--	--	D	-
W	93	421207N0710132.2	120	TOWN BRAINTREE	1959	W	2	O	36	T	--	UT	0	11-59	U	--	--	--	D	-
W	94	421220N0710221.1	120	TOWN BRAINTREE	1959	W	2	O	66	T	--	TP	4	11-59	U	0	--	--	D	-
W	95	421216N0710212.1	120	TOWN BRAINTREE	1959	W	2	O	62	T	--	TP	3	11-59	U	10	--	--	D	-
W	98	421206N0710214.1	130	TOWN BRAINTREE	1959	W	2	O	30	T	--	UR	--	--	U	--	--	--	D	-
W	99	421210N0710215.1	120	TOWN BRAINTREE	1959	W	2	O	36	T	--	R	2	11-59	U	7	--	--	D	-
W	100	421221N0710240.1	125	TOWN BRAINTREE	1959	W	2	O	32	T	--	UR	--	--	U	--	--	--	D	-
W	101	421217N0710113.1	125	TOWN BRAINTREE	1959	W	2	O	18	T	--	UT	2	11-59	U	--	--	--	D	-
W	103	421158N0705911.2	70	TOWN BRAINTREE	1959	W	2	O	38	T	--	UR	2	11-59	U	30	--	--	D	-
W	106	421157N0705947.1	80	TOWN BRAINTREE	1959	W	2	O	57	T	--	BP	6	12-59	U	20	--	--	D	-
W	107	421152N0710135.1	135	TOWN BRAINTREE	1959	W	2	O	35	T	--	R	2	12-59	U	15	--	--	D	-
W	109	421142N0710057.2	100	TOWN BRAINTREE	1959	W	2	O	19	T	--	R	--	--	U	--	--	--	D	-
W	112	421220N0710215.3	120	TOWN BRAINTREE	1959	W	2	O	84	T	--	TS	2	12-59	U	--	--	--	D	-
W	113	421212N0710213.1	120	TOWN BRAINTREE	1960	W	2	O	78	T	--	R	2	2-60	U	--	--	--	D	-
W	116	421211N0710036.1	110	TOWN BRAINTREE	1960	W	2	O	37	T	--	R	4	2-60	U	7	--	--	D	-
W	121	421208N0710210.4	120	TOWN BRAINTREE	1961	W	2	O	30	T	--	TR	--	--	U	--	--	--	D	-
W	122	421208N0710114.1	145	TOWN BRAINTREE	1961	W	2	O	14	T	--	T	--	--	U	--	--	--	D	-
W	124	421223N0710117.1	120	TOWN BRAINTREE	1961	W	2	O	26	T	--	T	2	4-61	U	10	--	--	D	-
W	126	421057N0710028.2	150	TOWN BRAINTREE	1961	W	2	O	16	T	--	T	--	--	U	--	--	--	D	-
W	128	421147N0710056.1	100	TOWN BRAINTREE	1961	W	2	O	47	T	--	UQ	0	4-61	U	15	--	--	D	-
W	146	421121N0710125.3	105	TOWN BRAINTREE	1964	C	8	S	50	T	--	UR	--	--	U	235	--	--	D	-
W	148	421228N0710028.1	130	THAYER ACADEMY	1966	C	6	X	720	W	95	H	30	1-66	I	30	--	--	-	-
W	166	421301N0710013.1	95	PECKS FUNERAL H	1965	C	6	X	325	W	115	F	9	5-65	C	9	5	1	-	-
W	167	421207N0710131.1	120	COCA COLA BOTTL	1963	A	6	X	510	W	53	H	5	12-63	N	70	--	--	-	P
W	168	421207N0710131.2	120	COCA COLA BOTTL	1964	A	6	X	650	W	55	H	4	3-64	N	16	--	--	-	P
												BROCKTON								
W	20	420717N0710011.1	195	MCPHERSON	--	C	6	X	50	W	--	--	--	--	H	--	--	--	-	-
												CANTON								
A	1	421219N0710653.1	180	US GEOL SURVEY	1967	B	4	-	55	T	--	WR	15	10-67	U	--	--	--	G	-
A	3	421219N0710700.1	180	US GEOL SURVEY	1967	B	4	-	50	T	--	WR	23	10-67	U	--	--	--	G	-
A	4	421207N0710643.1	175	US GEOL SURVEY	1967	B	4	-	34	T	34	WS	4	10-67	U	--	--	--	G	C
A	5	421154N0710624.1	165	US GEOL SURVEY	1967	B	4	-	34	T	--	WS	--	--	U	--	--	--	G	-
A	6	421126N0710630.1	152	US GEOL SURVEY	1967	B	4	-	27	T	--	WR	2	10-67	U	--	--	--	G	-
A	7	421118N0710632.1	150	US GEOL SURVEY	1967	B	4	-	35	T	--	WR	--	--	U	--	--	--	G	-
A	8	421123N0710658.1	140	US GEOL SURVEY	1967	B	4	-	37	T	--	WR	3	11-67	U	--	--	--	G	C
A	10	421111N0710655.1	150	US GEOL SURVEY	1967	B	4	-	38	T	--	WP	10	11-67	U	--	--	--	G	-
A	11	421054N0710705.1	140	US GEOL SURVEY	1967	B	4	-	37	T	--	WR	--	--	U	--	--	--	G	-
A	12	420930N0710706.1	165	US GEOL SURVEY	1967	B	4	-	32	T	--	R	0	11-67	U	--	--	--	G	C
A	13	420918N0710712.1	175	US GEOL SURVEY	1967	B	4	-	24	T	--	R	7	11-67	U	--	--	--	G	-
A	14	420924N0710649.1	175	US GEOL SURVEY	1967	B	4	-	26	T	--	R	15	11-67	U	--	--	--	G	-
R	1	421054N0710942.1	42	MDPW	1961	W	2	O	25	T	--	US	1	-61	U	--	--	--	D	-
R	2	421047N0710950.1	42	MDPW	1961	W	2	O	25	T	--	US	2	-61	U	--	--	--	D	-
R	3	421113N0710925.1	101	MDPW	1961	B	2	X	14	T	6	--	--	--	U	--	--	--	D	-

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/ METHOD DRILLED		WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
												CANTON --CONTINUED								
R	4	421123N0710915.1	48	MDPW	1961	W	2	O	26	T	--	UR	1	-61	U	--	--	--	D	-
R	5	421143N0710900.1	80	MDPW	1961	B	2	X	13	T	5	--	--	--	U	--	--	--	D	-
R	6	421145N0710857.1	71	MDPW	1961	B	2	X	20	T	12	--	--	--	U	--	--	--	D	-
R	7	421153N0710851.1	53	MDPW	1961	W	2	O	22	T	--	US	7	-61	U	--	--	--	D	-
R	8	421201N0710845.1	43	MDPW	1961	W	2	O	21	T	--	US	2	-61	U	--	--	--	D	-
R	9	421108N0710930.1	74	MDPW	1961	B	2	X	13	T	5	--	--	--	U	--	--	--	D	-
R	10	421101N0710937.1	51	MDPW	1963	W	2	O	40	T	--	UR	10	9-63	U	--	--	--	D	-
W	1	420853N0710743.1	135	CANTON TOWN	1889	D	25	W	--	W	--	UC	--	--	P	--	--	--	-	M
W	2	420853N0710743.2	135	CANTON TOWN	1893	W	2	S	30	W	--	UG	--	--	P	--	--	--	-	-
W	14	421326N0710738.1	65	MDPW	1965	V	1	T	20	O	--	T	3	7-65	U	--	--	--	-	-
W	15	420951N0710720.1	155	WAUMPATUCK C C	1958	-	24	S	28	W	--	G	4	3-65	R	408	10	5	-	P
W	16	421145N0710910.1	50	CUMBERLAND FARM	1962	-	12	S	46	W	46	G	3	10-62	-	550	11	24	D	P
W	17	421103N0710821.1	80	BLUE HILL C C	1964	-	24	G	54	W	60	R	9	6-64	I	710	23	48	D	P
W	20	421023N0710805.1	185	OBRIAN EDWARD	1966	W	2	O	73	T	--	R	--	--	U	--	--	--	D	-
W	21	421059N0710751.1	100	CANTON TOWN	1965	W	2	O	10	T	--	R	--	--	U	--	--	--	D	-
W	22	421128N0710805.1	85	CANTON TOWN	1965	W	2	O	28	T	--	R	--	--	U	--	--	--	D	-
W	23	420910N0710551.1	210	CANTON TOWN	1965	W	2	O	26	T	--	R	6	2-65	U	--	--	--	D	-
W	25	421131N0710925.2	45	CANTON TOWN	1965	W	2	S	46	T	--	R	3	2-65	U	50	--	--	D	-
W	26	421026N0710725.1	165	CANTON TOWN	1965	W	2	S	40	T	--	R	1	3-65	U	40	--	--	D	-
W	27	421017N0710707.1	150	CANTON TOWN	1965	W	2	O	34	T	--	R	2	3-65	U	50	--	--	D	-
W	28	420852N0710633.1	170	CANTON TOWN	1965	W	2	O	25	T	--	R	--	--	U	--	--	--	D	-
W	29	420851N0710638.1	180	CANTON TOWN	1965	W	2	O	19	T	--	R	--	--	U	--	--	--	D	-
W	30	420844N0710630.1	235	CANTON TOWN	1965	W	2	O	16	T	--	R	--	--	U	--	--	--	D	-
W	31	420854N0710711.1	155	CANTON TOWN	1965	W	2	O	16	T	--	R	--	--	U	--	--	--	D	-
W	33	420838N0710732.1	170	CANTON TOWN	1965	W	2	O	36	T	--	1S	10	3-65	U	--	--	--	D	-
W	34	420843N0710739.1	160	CANTON TOWN	1965	W	2	S	49	T	--	R	16	3-65	U	10	--	--	D	-
W	35	420829N0710737.1	175	CANTON TOWN	1965	W	2	O	60	T	--	1S	--	--	U	--	--	--	D	-
W	36	420941N0710726.1	160	CANTON TOWN	1965	W	2	O	29	T	--	R	--	--	U	--	--	--	D	-
W	37	420929N0710727.1	175	CANTON TOWN	1965	W	2	O	28	T	--	R	--	--	U	--	--	--	D	-
W	38	421220N0710758.1	150	CANTON TOWN	1965	W	2	S	49	T	--	S	18	3-65	U	10	--	--	D	-
W	39	420930N0710951.1	50	CANTON TOWN	1965	W	2	S	33	T	--	R	0	3-65	U	35	--	--	D	-
W	40	420933N0710945.1	50	CANTON TOWN	1965	W	2	O	54	T	--	R	3	3-65	U	60	--	--	D	-
W	41	420853N0710557.1	210	CANTON TOWN	1965	W	2	O	32	T	--	R	--	--	U	--	--	--	D	-
W	42	421109N0710939.1	60	CANTON TOWN	1965	W	2	O	43	T	--	R	--	--	U	--	--	--	D	-
W	43	421116N0710936.1	45	CANTON TOWN	1965	W	2	O	92	T	--	P	--	--	U	--	--	--	D	-
W	44	421127N0710905.1	55	CANTON TOWN	1966	W	2	O	26	T	--	R	5	3-66	U	20	--	--	D	-
W	45	421226N0710755.1	140	CANTON TOWN	1966	W	2	O	81	T	--	1S	18	3-66	U	--	--	--	D	-
W	46	421313N0710753.1	60	CANTON TOWN	1966	W	2	O	30	T	--	1S	--	--	U	--	--	--	D	-
W	47	421232N0710805.1	90	CANTON TOWN	1966	W	2	S	54	T	--	S	11	3-66	U	15	--	--	D	-
W	48	421240N0710810.1	65	CANTON TOWN	1966	W	2	O	69	T	--	S	--	--	U	--	--	--	D	-
W	49	421002N0711004.1	45	CANTON TOWN	1966	W	2	S	58	T	--	1S	7	3-66	U	15	--	--	D	-
W	50	420951N0711008.1	50	CANTON TOWN	1966	W	2	O	25	T	--	R	4	4-66	U	--	--	--	D	-
W	51	420956N0711000.1	50	CANTON TOWN	1966	W	2	O	50	T	--	R	4	4-66	U	55	--	7	D	-
W	53	420956N0710957.1	40	CANTON TOWN	1966	W	2	O	78	T	--	1S	0	4-66	U	--	--	--	D	-
W	54	421205N0710828.1	50	CANTON TOWN	1966	W	2	O	27	T	--	T	--	--	U	--	--	--	D	-
W	55	420912N0710528.1	230	COONEY MARY MRS	1963	C	6	X	115	W	15	H	12	10-63	H	8	--	--	-	-
W	56	420953N0710838.1	180	BATCHELDER N JR	1963	C	6	X	105	W	2	D	12	11-63	H	20	78	6	-	-
W	57	421101N0710918.1	60	CANTON TOWN	1964	W	2	O	50	T	--	R	5	1-64	U	50	--	--	-	-
W	58	421102N0710915.1	60	CANTON TOWN	1966	W	2	O	27	T	--	R	3	3-66	U	20	--	--	D	-
W	60	421034N0710537.1	155	CANTON TOWN	1966	W	2	O	20	T	--	T	--	--	U	--	--	--	-	-
W	61	420940N0711017.2	45	CANTON TOWN	1965	-	18	G	54	W	--	R	--	--	P	201	28	525	D	-
W	63	420939N0711011.1	55	CANTON TOWN	1965	-	18	G	53	W	--	R	7	8-65	P	500	16	501	D	-
W	64	421135N0710840.2	65	CANTON TOWN	1964	W	2	O	25	T	--	T	0	7-64	U	12	--	--	-	-
W	65	420948N0712020.1	45	CANTON TOWN	1966	W	2	O	78	T	--	R	--	--	U	15	--	--	-	-
W	66	421057N0710812.1	80	CANTON TOWN	1963	-	24	G	60	W	--	R	8	5-63	P	1080	14	48	D	M
W	67	420830N0710841.1	120	CANTON TOWN	1965	W	2	O	41	T	--	P	2	1-65	U	15	--	--	D	-
W	68	420825N0710745.1	140	FIDELITY INC	1967	-	18	G	37	W	--	UG	2	11-67	C	520	22	24	D	P
W	70	420833N0710753.1	150	FIDELITY INC	1967	W	2	O	51	T	--	1S	14	6-67	U	--	--	--	D	-
W	71	420829N0710753.1	145	FIDELITY INC	1967	W	2	O	41	T	--	UP	6	9-67	U	30	--	--	-	-
W	72	420837N0710751.1	165	FIDELITY INC	1967	W	2	O	68	T	--	US	17	9-67	U	--	--	--	D	-
W	73	421003N0710943.1	45	CANTON TOWN	1960	W	2	O	128	T	--	UP	--	--	U	--	--	--	-	-
W	74	421014N0710957.1	45	CANTON TOWN	1960	W	2	O	46	T	--	--	--	--	U	--	--	--	-	-
W	75	421141N0710913.1	50	CANTON TOWN	1949	-	24	G	40	W	--	R	--	--	P	225	--	--	-	P
W	76	421139N0710913.1	50	CANTON TOWN	1956	-	--	G	41	W	--	R	--	--	P	--	--	--	-	-
W	77	420947N0710637.1	180	CANTON TOWN	--	-	--	-	--	U	--	R	--	--	P	--	--	--	-	-
												DEDHAM								
W	12	421340N0711051.1	100	BOLTZ ARTHUR E	1940	C	96	X	30	Z	18	H	26	7-47	H	120	2	1	D	-
W	14	421338N0711042.1	125	BRUCE RONALD DR	1940	C	6	X	235	W	--	H	40	7-47	H	15	--	--	-	C
W	15	421451N0711100.1	120	QUINLAN FRANCIS	1936	V	1	O	30	W	--	R	--	--	C	--	--	--	D	-
W	231	421250N0710900.1	65	US GEOL SURVEY	1964	B	2	S	22	T	--	Q	12	11-64	U	--	--	--	G	-
W	243	421301N0710900.1	48	DEDHAM WATER CO	1943	W	2	O	65	T	--	UP	--	--	U	--	--	--	D	-
W	263	421317N0710857.1	45	DEDHAM WATER CO	1963	W	2	O	39	T	--	UP	--	--	U	--	--	--	D	-
W	264	421420N0710921.1	146	SULLIVAN J P	1952	C	6	X	176	W	14	--	14	11-52	H	10	--	--	-	P

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/METHOD DRILLED		WELL: DIAMETER (IN)	WELL: FINISH	WELL: DEPTH (FT)	WELL: USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER: LEVEL (FT)	WATER: DATE MEASURED	WATER: USE	PUMPAGE: YIELD (GPM)	PUMPAGE: DD (FT)	PUMPAGE: TIME (HR)	LOG	QW
					DOVER															
W	16	421317N0711610.1	250	DOVER WATER CO	--	-	2	S	35	W	--	R	--	--	P	29	--	--	-	-
					FOXBOROUGH															
W	3	420432N0711512.1	290	US GEOL SURVEY	1964	B	2	S	32	O	--	1S	21	11-64	U	--	--	--	G	-
W	9	420442N0711418.1	275	FOXBOROUGH TOWN	1938	-	16	G	46	W	--	UR	0	-38	P	400	--	--	-	M
W	10	420440N0711419.1	275	FOXBOROUGH TOWN	1938	-	16	G	40	W	--	UR	0	-38	P	300	--	--	-	P
W	11	420445N0711421.1	275	FOXBOROUGH TOWN	1938	-	16	G	42	W	--	UR	0	-38	P	300	--	--	-	P
W	20	420534N0711419.1	270	FOXBOROUGH TOWN	1952	W	2	O	35	T	--	UR	--	--	U	--	--	--	D	-
W	21	420531N0711419.1	270	FOXBOROUGH TOWN	1952	W	2	O	24	T	--	UR	--	--	U	--	--	--	D	-
W	22	420535N0711419.1	270	FOXBOROUGH TOWN	1952	W	2	O	26	T	--	UR	--	--	U	--	--	--	D	-
W	24	420531N0711511.1	270	FOXBOROUGH TOWN	1952	W	2	O	25	T	--	R	--	--	U	--	--	--	D	-
W	40	420439N0711423.1	280	FOXBOROUGH TOWN	1947	W	2	O	31	T	--	UR	--	--	U	--	--	--	D	-
W	42	420445N0711421.2	270	FOXBOROUGH TOWN	1947	W	2	O	61	T	--	UR	--	--	U	42	2	--	D	-
W	61	420452N0711415.1	275	FOXBOROUGH TOWN	1964	W	2	S	43	T	--	R	--	--	U	40	--	168	-	-
W	67	420425N0711506.1	285	FOXBORO CO	1962	W	2	O	32	T	--	R	11	8-62	U	--	--	--	D	-
W	68	420450N0711437.1	275	MCWILLIAMS ALEX	1959	C	6	X	130	W	26	H	28	12-59	H	1	--	--	-	-
W	70	420425N0711526.1	286	STATE HOSPITAL	--	W	2	O	10	T	--	6S	2	--	U	--	--	--	D	-
W	71	420427N0711530.1	290	STATE HOSPITAL	--	W	2	O	7	T	--	7R	5	--	U	--	--	--	D	-
W	73	420429N0711528.1	290	STATE HOSPITAL	--	W	2	O	16	T	--	T	8	--	U	--	--	--	D	-
W	75	420437N0711532.1	300	STATE HOSPITAL	--	W	2	O	5	T	--	--	--	--	U	--	--	--	D	-
					HINGHAM															
D	1	421351N0705421.1	35	MDPW	1955	V	1	O	14	T	--	--	9	4-55	U	--	--	--	D	-
W	72	420959N0705507.1	135	MURPHY JAMES M	--	D	30	O	13	U	--	R	7	8-67	U	--	--	--	-	C
W	80	421315N0705419.1	81	HINGHAM WAT CO	1954	W	2	O	32	T	--	--	8	1-54	U	--	--	--	D	-
W	81	421231N0705448.1	42	HINGHAM WAT CO	1954	W	2	O	26	T	--	3S	1	1-54	U	--	--	--	D	-
W	105	421343N0705417.1	20	HINGHAM WAT CO	1957	W	2	O	20	T	--	9S	0	4-57	U	--	--	--	D	-
W	106	421317N0705436.1	30	HINGHAM WAT CO	1957	W	2	O	36	T	--	3R	2	4-57	U	--	--	--	D	-
W	167	421235N0705500.1	48	HINGHAM WAT CO	1966	W	2	O	46	T	--	2R	1	6-66	U	--	--	--	D	-
W	168	421249N0705454.1	50	HINGHAM WAT CO	1966	W	2	O	48	T	--	2R	1	6-66	U	30	--	2	D	-
W	180	421341N0705419.1	20	HINGHAM WAT CO	1957	W	2	O	20	T	--	R	--	--	U	--	--	--	D	-
W	181	421450N0705412.1	29	HINGHAM WAT CO	1957	W	2	O	15	T	--	3S	--	--	U	--	--	--	D	-
W	187	420948N0705447.1	168	CAMERON ROY B	1964	-	6	X	140	W	14	H	--	--	H	3	--	--	-	-
W	195	421346N0705408.1	40	HOOPER DONALD	1965	-	6	X	250	W	17	H	--	--	H	4	--	--	-	-
W	205	421054N0705448.1	160	HICKEY EDWARD M	1960	C	6	X	205	W	--	H	25	8-60	H	1	--	--	-	-
					HOLBROOK															
W	4	420916N0710118.1	125	HOLBROOK TOWN	1954	W	2	O	29	T	--	UT	5	9-54	U	--	--	--	D	-
W	5	420912N0710118.1	130	HOLBROOK TOWN	1954	W	2	O	27	T	--	UR	8	9-54	U	25	--	--	D	-
W	6	420856N0710122.1	125	HOLBROOK TOWN	1954	W	2	O	27	T	--	UR	2	10-54	U	--	--	--	D	-
W	7	420921N0710135.1	120	HOLBROOK TOWN	1954	W	2	O	12	T	--	--	--	--	U	--	--	--	D	-
W	8	420903N0710052.1	135	HOLBROOK TOWN	1954	W	2	O	34	T	--	6R	--	--	U	--	--	--	D	-
W	9	420902N0710129.1	150	HOLBROOK TOWN	1957	W	2	O	22	T	--	--	--	--	U	20	--	--	-	-
W	11	420850N0710127.1	140	HOLBROOK TOWN	1957	-	--	G	53	W	--	R	--	--	P	250	--	--	-	-
W	13	420913N0710134.1	120	HOLBROOK TOWN	1954	W	2	O	34	T	--	6R	3	10-54	U	20	--	--	D	-
W	14	420911N0710127.1	120	HOLBROOK TOWN	1954	W	2	O	69	T	--	6S	4	10-54	U	--	--	--	D	-
W	15	420909N0710123.1	120	HOLBROOK TOWN	1954	W	2	O	53	T	--	6R	0	10-54	U	5	--	--	D	-
W	17	420908N0710136.1	120	HOLBROOK TOWN	1954	W	2	O	31	T	--	UR	3	10-54	U	--	--	--	D	-
W	18	420916N0705850.1	175	HOLBROOK TOWN	1954	W	2	O	43	T	--	UR	1	10-54	U	--	--	--	D	-
W	19	420912N0705857.1	200	HOLBROOK TOWN	1954	W	2	O	21	T	--	UT	--	--	U	--	--	--	D	-
W	20	420829N0710131.1	130	HOLBROOK TOWN	1964	W	2	O	39	T	--	US	1	4-64	U	--	--	--	D	-
W	21	420838N0710129.1	130	HOLBROOK TOWN	1964	W	2	O	27	T	--	US	2	4-64	U	--	--	--	D	-
W	22	420852N0710133.1	130	HOLBROOK TOWN	1958	-	24	G	61	W	--	R	--	--	P	700	--	--	-	P
W	23	420847N0710126.1	130	HOLBROOK TOWN	1957	-	--	G	53	W	--	R	--	--	P	300	--	--	-	-
W	24	420826N0710143.1	130	HOLBROOK TOWN	1964	W	2	O	19	T	--	1S	--	--	U	--	--	--	D	-
W	25	420832N0710142.1	140	HOLBROOK TOWN	1964	W	2	O	37	T	--	UR	9	4-64	U	--	--	--	D	-
W	27	420829N0710140.1	140	HOLBROOK TOWN	1964	W	2	O	44	T	--	S	--	--	U	--	--	--	D	-
W	29	420824N0710134.1	135	HOLBROOK TOWN	1964	W	2	O	29	T	--	1S	--	--	U	--	--	--	D	-
W	31	420815N0710137.1	145	HOLBROOK TOWN	1964	W	2	O	33	T	--	1S	--	--	U	--	--	--	D	-
W	32	420808N0710139.1	140	HOLBROOK TOWN	1964	W	2	O	51	T	--	US	3	5-64	U	--	--	--	D	-
W	33	420829N0710145.1	140	HOLBROOK TOWN	1964	W	2	O	56	T	--	US	2	5-64	U	--	--	--	D	-
W	34	420838N0710147.1	125	HOLBROOK TOWN	1964	W	2	O	25	T	--	1S	0	5-64	U	--	--	--	D	-
W	35	420946N0710145.1	110	HOLBROOK TOWN	1964	W	2	O	36	T	--	1S	0	5-64	U	--	--	--	D	-
W	36	420947N0710124.1	130	HOLBROOK TOWN	1964	W	2	O	65	T	--	6S	9	5-64	U	--	--	--	D	-
W	37	420950N0710047.1	115	HOLBROOK TOWN	1964	W	2	O	18	T	--	UT	--	--	U	--	--	--	D	-
W	38	420937N0710048.1	130	HOLBROOK TOWN	1964	W	2	O	24	T	--	UT	--	--	U	--	--	--	D	-
W	39	420943N0710103.1	110	HOLBROOK TOWN	1964	W	2	O	33	T	--	UR	3	5-64	U	25	--	2	D	-
W	40	420909N0710059.1	110	HOLBROOK TOWN	1964	W	2	O	40	T	--	1S	8	5-64	U	--	--	--	D	-
W	41	420947N0710120.1	130	HOLBROOK TOWN	--	W	2	O	41	T	--	1S	0	5-64	U	--	--	--	D	-
W	42	420945N0710056.1	140	HOLBROOK TOWN	1964	W	2	O	41	T	--	US	--	--	U	--	--	--	D	-
W	43	420745N0710108.1	140	HOLBROOK TOWN	1964	W	2	O	32	T	--	US	5	6-64	U	--	--	--	D	-
W	46	420906N0710101.3	140	HOLBROOK TOWN	1965	W	2	O	42	W	--	R	2	12-65	P	60	--	8	D	P
W	47	420825N0710031.1	150	HOLBROOK TOWN	1957	W	2	O	41	T	--	UR	5	1-57	U	10	--	--	D	-
W	48	420824N0710042.1	140	HOLBROOK TOWN	1957	W	2	O	20	T	--	UT	--	--	U	--	--	--	D	-
W	49	420927N0710058.1	120	HOLBROOK TOWN	1957	W	2	O	26	T	--	UR	--	--	U	--	--	--	D	-
W	50	420932N0710045.1	140	HOLBROOK TOWN	1957	W	2	O	42	T	--	UR	5	1-57	U	5	--	--	D	-
W	51	420927N0710059.1	120	HOLBROOK TOWN	1957	W	2	O	27	T	--	UR	--	--	U	--	--	--	D	-

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/ METHOD DRILLED		WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
									HOLBROOK --CONTINUED											
W	52	420945N0710035.1	160	HOLBROOK TOWN	1957	W	2	O	22	T	--	UT	--	--	U	--	--	--	D	-
W	53	420824N0710144.1	145	HOLBROOK TOWN	1957	W	2	O	46	T	--	1S	12	10-57	U	2	--	--	D	-
W	54	420846N0710046.1	145	HOLBROOK TOWN	1958	W	2	O	35	T	--	--	--	--	U	--	--	--	-	-
W	55	420842N0710132.1	140	HOLBROOK TOWN	1959	W	2	O	36	T	--	UR	0	3-59	U	20	--	--	D	-
W	57	420917N0715900.1	200	HOLBROOK TOWN	1959	W	2	O	24	T	--	UT	--	--	U	--	--	--	D	-
W	58	420928N0710058.1	130	HOLBROOK TOWN	1959	W	2	O	23	T	--	R	--	--	U	--	--	--	D	-
W	59	420809N0710032.1	155	HOLBROOK TOWN	1959	W	2	O	25	T	--	R	2	3-59	U	3	--	--	D	-
W	61	420751N0710037.1	150	HOLBROOK TOWN	1959	W	2	O	22	T	--	UR	--	--	U	--	--	--	D	-
W	63	420850N0710045.1	140	HOLBROOK TOWN	1959	W	2	O	18	T	--	UT	6	5-59	U	--	--	--	D	-
W	64	420847N0710133.1	160	HOLBROOK TOWN	1959	W	2	O	37	T	--	UR	4	4-59	U	30	--	--	D	-
W	65	420758N0710127.1	150	HOLBROOK TOWN	1961	W	2	-	25	T	--	--	3	-61	U	50	--	--	-	-
W	66	421000N0710108.1	105	HOLBROOK TOWN	1963	W	2	-	72	T	--	--	10	-63	U	50	--	--	-	-
W	198	420748N0710056.1	150	HOLBROOK TOWN	1959	W	2	O	32	T	--	7S	3	4-59	U	--	--	--	D	P
W	209	421004N0710059.1	120	COUNTY HOSPITAL	1930	W	42	-	22	W	--	--	--	--	I	40	--	--	-	-
									MEDFIELD											
A	1	421059N0711652.1	180	US GEOL SURVEY	1967	B	4	-	11	T	--	PR	5	11-67	U	--	--	--	G	C
A	2	421026N0711655.1	155	US GEOL SURVEY	1967	B	4	-	45	T	--	5S	5	11-67	U	--	--	--	G	-
A	3	421149N0711653.1	210	US GEOL SURVEY	1967	B	4	-	44	T	--	--	12	11-67	U	--	--	--	G	-
A	4	421238N0711610.1	225	US GEOL SURVEY	1967	B	4	-	58	T	--	R	10	11-67	U	--	--	--	G	-
W	125	421014N0711700.1	150	MEDFIELD TOWN	1965	-	18	G	60	W	--	UR	2	5-65	P	900	31	168	D	P
W	126	421056N0711704.1	160	CEBROWSKI EWAN	--	D	30	O	4	W	--	--	1	9-67	H	--	--	--	-	C
W	127	421138N0711622.1	205	DINELL IGY	1939	D	30	O	14	W	--	--	10	9-67	H	--	--	--	-	C
W	129	421018N0711656.1	155	MEDFIELD TOWN	1964	W	2	P	40	T	--	3R	3	8-64	U	60	1	3	D	-
W	130	421010N0711656.1	150	MEDFIELD TOWN	1964	W	2	P	58	T	--	2R	2	9-64	U	60	2	3	D	-
W	135	421034N0711709.1	180		--	D	--	-	--	D	--	UR	17	9-67	U	--	--	--	-	-
									NORWOOD											
A	1	421238N0711053.1	55	US GEOL SURVEY	1967	B	4	-	62	T	--	WR	--	--	U	--	--	--	G	-
A	2	421016N0711143.1	55	US GEOL SURVEY	1967	B	4	-	43	T	--	WR	--	--	U	--	--	--	G	-
A	3	421135N0710951.1	45	US GEOL SURVEY	1966	B	4	-	65	T	--	3S	10	12-66	U	--	--	--	G	-
A	4	421134N0711001.1	45	US GEOL SURVEY	1966	B	4	-	136	T	--	US	10	12-66	U	--	--	--	G	-
A	5	421134N0711015.1	45	US GEOL SURVEY	1966	B	4	-	152	T	--	US	10	12-66	U	--	--	--	G	-
A	6	421133N0711029.1	45	US GEOL SURVEY	1966	B	4	-	95	T	--	R	10	12-66	U	--	--	--	G	-
A	7	421132N0711049.1	45	US GEOL SURVEY	1966	B	4	-	87	T	--	US	10	12-67	U	--	--	--	G	-
A	8	421244N0711106.1	70	US GEOL SURVEY	1966	B	4	-	47	T	--	R	--	--	U	--	--	--	G	-
W	4	421231N0711102.1	53	NORWOOD TOWN	1939	W	2	O	88	T	88	R	2	5-39	U	44	3	--	D	P
W	5	421209N0711042.1	48	NORWOOD TOWN	1939	W	2	O	34	T	--	R	--	--	U	5	--	--	D	-
W	6	421213N0711047.1	47	NORWOOD TOWN	1939	W	2	O	46	T	--	R	--	--	U	--	--	--	D	-
W	7	421230N0711105.1	51	NORWOOD TOWN	1939	W	2	O	102	T	--	S	--	--	U	--	--	--	D	-
W	9	421222N0711113.1	56	NORWOOD TOWN	1939	W	2	O	21	T	100	R	--	--	U	10	--	--	D	-
W	10	421217N0711114.1	51	NORWOOD TOWN	1939	W	2	O	110	T	--	R	--	--	U	--	--	--	D	-
W	11	421217N0711118.1	52	NORWOOD TOWN	1939	W	2	O	55	T	--	R	--	--	U	10	--	--	D	-
W	12	420913N0711131.1	68	GELSO P	--	D	30	O	19	U	--	T	9	4-63	U	--	--	--	-	-
W	16	421244N0711102.1	68	NORWOOD TOWN	1939	W	2	O	51	T	--	R	--	--	U	25	--	--	D	P
W	17	421227N0711126.1	55	NORWOOD TOWN	1939	W	2	O	51	T	--	R	--	--	U	15	--	--	D	-
W	18	421224N0711128.1	55	NORWOOD TOWN	1939	W	2	O	54	T	--	Q	--	--	U	4	--	--	D	-
W	20	421221N0711101.1	50	NORWOOD TOWN	1937	W	2	O	54	T	--	R	--	--	U	91	1	48	D	P
W	21	421219N0711116.1	51	NORWOOD TOWN	1944	W	2	-	67	T	--	R	3	4-44	U	80	47	288	D	P
W	22	421221N0711106.1	54	NORWOOD TOWN	1944	W	2	O	137	T	--	R	8	-44	U	--	--	--	D	-
W	23	421219N0711051.1	50	NORWOOD TOWN	1944	W	2	O	49	T	--	R	--	--	U	--	--	--	D	-
W	24	421153N0711106.1	50	NORWOOD TOWN	1899	V	2	-	34	T	--	G	--	--	U	56	--	336	-	-
W	28	421209N0711035.1	60	NORWOOD TOWN	1920	W	2	O	23	T	--	T	--	--	U	--	--	--	-	-
W	30	421226N0711056.1	55	NORWOOD TOWN	1920	W	2	O	40	T	--	R	--	--	U	32	--	190	D	-
W	31	421150N0711037.1	45	NORWOOD TOWN	1920	W	2	O	50	T	--	2S	--	--	U	--	--	--	-	-
W	38	421229N0711045.1	130	NORWOOD TOWN	1925	W	2	O	80	T	--	1S	--	--	U	--	--	--	D	-
W	39	421034N0711037.1	95	NORWOOD TOWN	1925	W	2	O	90	T	--	--	--	--	U	--	--	--	-	-
W	41	421231N0711101.1	55	NORWOOD TOWN	1940	-	8	G	50	W	--	--	--	--	Z	270	--	--	-	P
W	42	421219N0711116.2	49	NORWOOD TOWN	1949	-	24	G	62	W	--	--	4	11-49	Z	300	40	720	D	P
W	45	421235N0711056.1	60	A AND P CO	1956	W	2	O	84	T	--	1S	--	--	U	30	--	--	D	P
W	46	421208N0711008.1	75	STAR MARKET	--	-	--	-	25	W	--	UR	--	--	C	25	--	--	D	P
W	47	421226N0711103.1	55	NORWOOD TOWN	1912	W	2	S	35	U	--	UR	--	--	P	--	--	--	-	-
									RANDOLPH											
B	1	421002N0710241.1	170	MDPW	1951	W	2	O	13	T	--	T	--	--	U	--	--	--	D	-
W	1	421005N0710215.1	130	RANDOLPH TOWN	1957	W	2	O	57	T	--	7G	3	1-57	U	--	--	--	D	-
W	2	421125N0710448.1	160	RANDOLPH TOWN	1959	W	2	O	24	T	--	UT	--	--	U	--	--	--	D	-
W	3	421128N0710439.1	170	RANDOLPH TOWN	1959	W	2	O	21	T	--	UT	--	--	U	--	--	--	D	-
W	4	421101N0710114.1	100	RANDOLPH TOWN	1959	W	2	O	23	T	--	UT	--	--	U	--	--	--	D	-
W	6	421156N0710304.2	130	RANDOLPH TOWN	1956	W	2	O	43	T	--	UR	4	12-56	U	15	--	--	D	-
W	7	421123N0710141.1	130	RANDOLPH TOWN	1959	W	2	O	14	T	--	UR	--	--	U	--	--	--	D	-
W	10	421207N0710430.1	180	RANDOLPH TOWN	1959	W	2	O	45	T	--	UT	--	--	U	--	--	--	D	-
W	11	421020N0710123.1	100	RANDOLPH TOWN	1959	W	2	O	65	T	--	1S	8	11-59	U	--	--	--	D	-
W	12	421150N0710311.1	140	RANDOLPH TOWN	1956	W	2	O	74	T	--	7P	--	--	U	--	--	--	D	-
W	13	421021N0710133.1	110	RANDOLPH TOWN	1959	W	2	O	67	T	--	1S	5	11-59	U	--	--	--	D	-
W	14	421025N0710129.1	100	RANDOLPH TOWN	1959	W	2	O	63	T	--	1S	2	11-59	U	--	--	--	D	-
W	15	421016N0710137.1	110	RANDOLPH TOWN	1959	W	2	O	60	T	--	1S	7	11-59	U	--	--	--	D	-
W	16	421148N0710307.1	140	RANDOLPH TOWN	1956	W	2	O	44	T	--	1S	7	12-56	U	--	--	--	D	-
W	17	421126N0710145.1	150	RANDOLPH TOWN	1959	W	2	O	25	T	--	BS	6	11-59	U	--	--	--	D	-

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/METHOD DRILLED	WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
					RANDOLPH --CONTINUED														
W	18	421011N0710136.1	110	RANDOLPH TOWN	1959 W	2	O	29	T	--	4R	1	11-59	U	60	--	--	D	-
					ROCKLAND														
A	1	420903N0705505.1	135	US GEOL SURVEY	1967 B	4	-	27	T	--	PR	3	11-67	U	--	--	--	G	C
W	19	420910N0705507.2	119	ABING-ROCK W BD	1953 W	2	O	29	T	--	7R	--	--	U	--	--	1	D	-
W	21	420913N0705504.1	119	ABING-ROCK W BD	1953 W	2	O	41	T	--	BR	--	--	U	35	--	--	D	-
W	27	420914N0705510.1	127	ABING-ROCK W BD	1940 W	2	O	50	T	--	--	--	--	U	--	--	--	D	-
X	2	420910N0705552.1	151	NAV AIR STATION	1954 V	1	O	14	T	--	--	4	11-54	U	--	--	--	D	-
X	3	420917N0705531.1	140	NAV AIR STATION	1954 V	1	O	20	T	--	--	3	11-54	U	--	--	--	D	-
X	4	420914N0705544.1	147	NAV AIR STATION	1954 V	1	O	14	T	--	--	1	11-54	U	--	--	--	D	-
X	5	420922N0705521.1	125	NAV AIR STATION	1954 V	1	O	16	T	--	--	0	11-54	U	--	--	--	D	-
X	6	420930N0705510.1	118	NAV AIR STATION	1956 V	1	O	25	T	--	--	1	7-56	U	--	--	--	D	-
X	7	420924N0705508.1	118	NAV AIR STATION	1956 V	1	O	25	T	--	--	0	7-56	U	--	--	--	D	-
X	8	420923N0705459.1	152	NAV AIR STATION	1956 V	1	O	6	T	--	--	--	--	U	--	--	--	D	-
X	9	420936N0705502.1	170	NAV AIR STATION	1956 V	1	O	15	T	--	--	--	--	U	--	--	--	D	-
X	10	420929N0705457.1	162	NAV AIR STATION	1956 V	1	O	11	T	--	--	5	7-56	U	--	--	--	D	-
X	11	420942N0705450.1	174	NAV AIR STATION	1956 V	1	O	10	T	--	--	6	7-56	U	--	--	--	D	-
X	13	420916N0705551.1	152	NAV AIR STATION	1954 V	1	O	17	T	--	--	6	10-54	U	--	--	--	D	-
X	14	420922N0705534.1	138	NAV AIR STATION	1954 V	1	O	19	T	--	--	2	10-54	U	--	--	--	D	-
					SHARON														
B	3	420621N0711354.1	261	MDPW	1961 V	1	O	61	T	61	2S	11	-61	U	--	--	--	D	-
B	4	420623N0711350.1	252	MDPW	1961 V	1	O	64	T	--	2S	0	-61	U	--	--	--	D	-
B	5	420719N0711351.1	242	MDPW	1961 B	1	X	32	T	24	S	6	-61	U	--	--	--	D	-
B	6	420716N0711349.1	244	MDPW	1961 B	1	X	35	T	27	2S	8	-61	U	--	--	--	D	-
B	7	420730N0711342.1	268	MDPW	1961 V	1	O	74	T	--	BR	39	-61	U	--	--	--	D	-
R	7	420624N0711354.1	248	MDPW	-- V	2	O	32	T	--	--	--	--	U	--	--	--	D	-
R	8	420630N0711354.1	267	MDPW	-- V	2	O	26	T	--	--	--	--	U	--	--	--	D	-
R	9	420634N0711353.1	277	MDPW	-- V	2	O	42	T	--	--	--	--	U	--	--	--	D	-
R	10	420642N0711357.1	219	MDPW	-- V	2	O	20	T	--	--	--	--	U	--	--	--	D	-
R	11	420642N0711356.1	283	MDPW	-- V	2	O	40	T	--	--	--	--	U	--	--	--	D	-
R	12	420704N0711353.1	272	MDPW	-- V	2	O	24	T	--	--	--	--	U	--	--	--	D	-
W	2	420558N0710831.1	300	ROOMAN JOSEPH	-- V	2	T	25	W	--	S	--	--	H	--	--	--	-	P
W	7	420554N0711131.1	261	EGGERS RUBY W	-- D	--	-	20	W	--	--	--	--	H	--	--	--	-	P
W	8	420555N0711117.1	272	BORR THOMAS	-- V	2	T	18	W	--	--	--	--	H	--	--	--	-	P
W	19	420538N0710957.1	275	EARLE ROBT K	-- D	24	O	9	W	--	R	--	--	H	--	--	--	-	P
W	20	420540N0711014.1	260	MORSE ROBERT	-- V	1	T	14	W	--	R	--	--	H	--	--	--	-	P
W	21	420733N0711233.1	370	WHITE FRED A	-- D	34	W	22	W	--	UT	--	--	H	--	--	--	-	P
W	22	420709N0711133.1	205	SHARON TOWN	1906 V	2	O	48	W	--	US	1	--	P	--	--	--	-	P
W	23	420547N0710931.1	291	NICKERSON T	-- D	12	O	15	W	--	UR	5	7-38	H	--	--	--	-	-
W	33	420739N0711359.2	230	SANFORD A H	1949 D	30	O	20	W	--	4R	15	-49	H	--	--	--	D	-
W	34	420842N0711155.1	212	BROWN E	1899 D	36	W	31	W	--	UT	10	6-63	H	--	--	--	-	-
W	35	420710N0711346.1	265	DEWHURST	-- D	30	O	26	W	--	UR	19	4-63	H	--	--	--	-	-
W	36	420658N0711346.1	250	ROMANSKE	1941 V	2	T	11	U	--	UR	6	4-63	H	--	--	--	-	-
W	37	420619N0711355.1	275	CRAWLEY WILLIAM	1961 D	42	O	29	W	--	UR	22	4-63	H	--	--	--	-	-
W	39	420717N0711405.1	235	METAL BELLOWS C	1962 A	6	X	350	W	12	--	--	--	-	20	--	--	-	-
W	41	420652N0711112.1	210	SHARON TOWN	1945 -	24	G	45	W	47	UR	3	5-45	P	352	6	24	D	M
W	45	420735N0711254.1	445	KENDALL MRS	-- D	30	W	22	U	--	UT	15	9-65	U	--	--	--	-	-
W	49	420735N0711104.1	220	SHARON TOWN	1957 -	18	G	86	W	--	UR	3	9-57	P	1400	49	--	-	M
W	50	420732N0711105.1	220	SHARON TOWN	1885 D	108	W	18	U	--	UR	--	--	P	--	--	--	-	P
W	52	420854N0711039.1	110	SHARON MEM PARK	1951 -	12	G	43	W	--	UR	9	8-51	I	232	15	--	-	-
W	53	420858N0711022.1	130	KNOLLWOOD CEM	1950 -	12	G	57	W	--	UR	8	8-51	I	505	30	--	-	-
W	55	420617N0711405.1	260	KULEBABA JOHN	1954 C	6	X	209	W	14	--	12	3-54	H	0.5	--	--	-	-
W	58	420725N0711121.1	232	HOWE WILFORD H	1960 W	2	S	46	W	--	UR	22	1-60	H	25	--	--	D	-
W	59	420725N0710842.1	239	HEALEY GEORGE	1964 A	6	X	150	W	9	--	2	12-64	H	0.5	--	--	-	-
W	77	420658N0711204.1	210	SHARON TOWN	1966 W	2	O	39	T	--	UR	0	9-66	U	55	--	2	D	-
W	78	420654N0711216.1	230	SHARON TOWN	1966 W	2	O	36	T	--	UR	2	9-66	U	--	--	--	D	-
W	79	420659N0711113.1	240	SHARON TOWN	1966 W	2	O	40	T	--	UR	2	10-66	U	35	4	3	D	-
W	80	420749N0711054.1	205	SHARON TOWN	1966 W	2	O	52	T	--	UR	5	10-66	U	--	--	--	D	-
W	81	420752N0711051.1	205	SHARON TOWN	1966 W	2	O	51	T	--	UR	4	10-66	U	--	--	--	D	-
W	82	420816N0711005.1	150	SHARON TOWN	1966 W	2	O	78	T	--	UR	2	10-66	U	--	--	--	D	-
W	87	420715N0711113.1	220	SHARON TOWN	1966 W	2	O	18	T	--	UR	--	--	U	--	--	--	-	-
W	89	420531N0711025.1	260	SHARON TOWN	1966 W	2	O	38	T	--	UR	0	11-66	U	--	--	--	D	-
W	101	420917N0711031.1	210	SHARON TOWN	1967 W	2	O	24	T	--	UR	6	3-67	U	--	--	--	D	-
W	107	420601N0711130.1	260	SHARON TOWN	1967 W	2	S	36	T	--	UR	2	3-67	U	50	--	--	D	-
W	122	420709N0711133.2	205	SHARON TOWN	1951 -	24	G	42	W	--	--	3	-51	P	--	--	--	-	M
					STOUGHTON														
W	97	420740N0710817.1	130	STOUGHTON TOWN	1949 W	2	-	62	W	--	--	4	--	P	10	--	--	-	M
W	98	420649N0710756.1	155	STOUGHTON TOWN	1892 D	--	H	--	W	--	--	--	--	P	1150	--	--	-	M
W	99	420834N0710607.1	190	CANTON TOWN	1894 D	--	-	--	W	--	UR	--	--	P	--	--	--	-	M
W	100	420838N0710610.1	195	CANTON TOWN	1949 -	24	G	43	W	--	UR	--	--	P	--	--	--	-	P
W	112	420649N0710758.1	155	STOUGHTON TOWN	1965 W	2	P	67	T	--	UR	2	3-65	U	30	3	4	D	-
W	113	420654N0710748.1	155	STOUGHTON TOWN	1965 W	2	P	33	T	--	R	1	3-65	U	45	--	2	D	-
W	115	420701N0710752.1	158	STOUGHTON TOWN	1965 W	2	P	22	T	--	--	--	--	U	--	--	--	-	-
W	116	420659N0710807.1	180	STOUGHTON TOWN	1965 W	2	P	64	T	--	--	--	--	U	--	--	--	D	-
W	117	420650N0710800.1	158	STOUGHTON TOWN	1965 W	2	P	68	T	--	UR	1	3-65	U	--	--	--	D	-
W	118	420649N0710754.1	160	STOUGHTON TOWN	1965 W	2	P	45	T	--	UR	1	3-65	U	56	3	2	D	-

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/METHOD DRILLED		WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
STOUGHTON --CONTINUED																				
W	132	420858N0710635.1	200	STOUGHTON TOWN	1961	W	2	P	17	T	--	UT	2	7-61	U	--	--	--	D	-
W	136	420850N0710640.1	195	STOUGHTON TOWN	1961	W	2	P	18	T	--	UT	1	7-61	U	--	--	--	D	-
W	139	420708N0710601.1	210	STOUGHTON TOWN	1961	W	2	P	21	T	--	UR	2	7-61	U	--	--	--	D	-
W	140	420705N0710554.1	225	STOUGHTON TOWN	1961	W	2	P	28	T	--	UR	8	7-61	U	--	--	--	D	-
W	143	420837N0710535.1	207	STOUGHTON TOWN	1954	W	2	P	53	T	--	1S	2	9-54	U	--	--	--	D	-
W	144	420839N0710535.1	207	STOUGHTON TOWN	1954	W	2	P	30	T	--	UR	1	6-55	U	30	5	--	D	-
W	146	420839N0710528.1	215	STOUGHTON TOWN	1954	W	2	P	49	T	--	UR	1	3-54	U	--	--	--	D	-
W	151	420703N0710556.1	230	STOUGHTON TOWN	1954	W	2	P	32	T	--	UR	4	10-54	U	--	--	--	D	-
W	159	420815N0710839.1	125	STOUGHTON TOWN	1954	W	2	P	26	T	--	UR	3	11-54	U	20	--	--	D	-
W	163	420829N0710531.1	204	STOUGHTON TOWN	1954	W	2	P	27	T	--	UR	2	11-54	U	30	--	--	D	-
W	170	420739N0710749.1	145	STOUGHTON TOWN	1955	W	2	P	48	T	--	UR	F	7-55	U	50	--	6	D	-
W	171	420733N0710747.1	155	STOUGHTON TOWN	1955	W	2	P	48	T	--	UR	4	7-55	U	--	--	--	D	-
W	172	420737N0710816.1	150	STOUGHTON TOWN	1955	W	2	P	48	T	--	UR	3	7-55	U	--	--	--	D	-
W	177	420654N0710729.1	180	STOUGHTON TOWN	1955	W	2	O	17	T	--	UR	4	7-55	U	--	--	--	D	-
W	179	420647N0710715.1	190	STOUGHTON TOWN	1955	W	2	O	6	T	--	UT	4	7-55	U	--	--	--	D	-
W	180	420645N0710714.1	190	STOUGHTON TOWN	1955	W	2	O	17	T	--	UT	--	--	U	--	--	--	D	-
W	182	420641N0710723.1	190	STOUGHTON TOWN	1955	W	2	O	17	T	--	UR	--	--	U	--	--	--	D	-
W	198	420809N0710509.1	240	BROCKTON PUB MK	--	W	2	S	28	T	--	UR	--	--	U	25	--	--	D	-
W	199	420838N0710610.2	190	CANTON TOWN	1966	W	2	S	39	T	--	F	5	3-66	U	30	--	--	D	-
WALPOLE																				
A	2	420905N0711235.2	140	US GEOL SURVEY	1967	B	4	-	48	T	--	WR	8	11-67	U	--	--	--	G	-
A	3	420835N0711258.1	230	US GEOL SURVEY	1967	B	4	-	42	T	--	PR	18	11-67	U	--	--	--	G	-
A	4	420827N0711301.1	270	US GEOL SURVEY	1967	B	4	-	54	T	--	PR	37	11-67	U	--	--	--	G	-
A	5	420725N0711425.1	195	US GEOL SURVEY	1967	B	4	-	94	T	--	9S	20	11-67	U	--	--	--	G	-
A	6	420731N0711439.1	190	US GEOL SURVEY	1967	B	4	-	48	T	--	9S	--	--	U	--	--	--	G	-
A	7	420711N0711629.1	190	US GEOL SURVEY	1967	B	4	-	24	T	--	6Q	5	11-67	U	--	--	--	G	-
A	8	420945N0711627.1	185	US GEOL SURVEY	1967	B	4	X	58	T	--	3R	30	11-67	U	--	--	--	G	C
W	1	420704N0711445.1	265	WALPOLE TOWN	1966	W	2	O	42	T	--	UR	23	4-66	U	--	--	--	D	-
W	2	420641N0711528.1	195	WALPOLE TOWN	1966	W	2	P	25	T	--	UR	--	--	U	--	--	--	D	-
W	5	420611N0711652.1	220	WALPOLE TOWN	1966	W	2	P	33	T	--	6R	4	1-66	U	--	--	--	D	-
W	8	420657N0711526.1	185	WALPOLE TOWN	1966	W	2	S	37	T	--	6S	1	1-66	U	2	--	--	D	-
W	9	420854N0711553.1	150	WALPOLE TOWN	1966	W	2	P	23	T	--	6R	0	3-66	U	--	--	--	D	-
W	15	420943N0711602.1	145	WALPOLE TOWN	1966	W	2	P	54	T	--	7R	--	--	U	--	--	--	D	-
W	16	420941N0711605.1	145	WALPOLE TOWN	1966	W	2	S	39	T	--	UR	2	2-66	U	65	--	--	D	-
W	17	420658N0711551.1	190	WALPOLE TOWN	1966	W	2	P	23	T	--	6R	0	3-66	U	--	--	--	D	-
W	24	420950N0711621.1	146	WALPOLE TOWN	1966	C	8	S	57	T	--	4G	2	3-66	U	500	--	115	D	P
W	25	420948N0711617.1	150	WALPOLE TOWN	1966	W	2	S	54	T	--	7R	1	3-66	U	--	--	--	D	-
W	26	420956N0711628.1	150	WALPOLE TOWN	1966	W	2	S	55	T	--	UR	1	2-66	U	65	--	--	D	-
W	35	420840N0711545.1	145	WALPOLE TOWN	1966	W	2	S	56	T	--	6R	1	3-66	U	8	--	--	D	-
W	37	421136N0711517.1	195	WALPOLE TOWN	1966	W	2	S	28	T	--	6R	8	3-66	U	10	--	--	D	-
W	38	421122N0711531.1	200	WALPOLE TOWN	1966	W	2	P	36	T	--	6G	--	--	U	--	--	--	D	-
W	39	421112N0711549.1	190	WALPOLE TOWN	1966	W	2	P	19	T	--	6G	--	--	U	--	--	--	D	-
W	40	421135N0711609.1	190	WALPOLE TOWN	1966	W	2	P	17	T	--	T	--	--	U	--	--	--	D	-
W	41	420658N0711456.1	190	WALPOLE TOWN	1966	W	2	S	48	T	--	UT	1	4-66	U	3	--	--	D	-
W	43	420703N0711453.1	185	WALPOLE TOWN	1966	W	2	S	40	T	42	UT	0	4-66	U	15	--	--	D	-
W	44	420703N0711454.1	195	WALPOLE TOWN	1966	W	2	S	35	T	--	UT	3	4-66	U	20	--	--	D	-
W	45	420705N0711455.1	205	WALPOLE TOWN	1966	W	2	S	49	T	--	2R	9	4-66	U	50	--	--	D	P
W	47	420707N0711457.1	210	WALPOLE TOWN	1966	W	2	S	55	T	--	2R	13	4-66	U	8	--	--	D	-
W	49	420928N0711543.1	150	WALPOLE TOWN	1966	W	2	S	28	T	--	R	2	4-66	U	50	--	--	D	-
W	53	420951N0711606.1	155	WALPOLE TOWN	1966	W	2	P	27	T	--	UT	--	--	U	--	--	--	D	-
W	57	420913N0711439.1	130	WALPOLE TOWN	1966	W	2	P	33	T	--	T	--	--	U	--	--	--	D	-
W	58	420730N0711515.1	180	WALPOLE TOWN	1966	W	2	S	28	T	--	6R	1	4-66	U	60	--	--	D	P
W	62	420824N0711551.1	160	WALPOLE TOWN	1966	W	2	P	37	T	29	--	8	4-66	U	--	--	--	D	-
W	63	420824N0711547.1	160	WALPOLE TOWN	1966	W	2	S	35	T	--	6R	12	4-66	U	1	--	--	D	-
W	65	420835N0711630.1	190	WALPOLE TOWN	1966	W	2	S	29	T	--	6R	4	4-66	U	3	--	--	D	-
W	66	420831N0711625.1	180	WALPOLE TOWN	1966	W	2	P	39	T	--	UT	--	--	U	20	--	--	D	-
W	67	420618N0711545.1	220	WALPOLE TOWN	1966	W	2	P	15	T	--	T	--	--	U	--	--	--	D	-
W	69	420932N0711559.1	150	WALPOLE TOWN	1966	W	2	S	59	T	--	7R	2	4-66	U	75	--	--	D	-
W	71	420921N0711603.1	155	WALPOLE TOWN	1966	W	2	P	25	T	--	T	--	--	U	--	--	--	D	-
W	73	420931N0711557.1	150	WALPOLE TOWN	1966	-	12	S	48	T	--	4R	2	7-66	U	720	--	120	D	P
W	74	420929N0711553.1	147	WALPOLE TOWN	1966	W	2	S	56	T	--	2R	2	5-66	U	45	--	--	D	-
W	77	420933N0711604.1	150	WALPOLE TOWN	1966	W	2	S	52	T	--	2R	0	5-66	U	50	--	--	D	-
W	79	420730N0711450.1	185	WALPOLE TOWN	1968	C	16	G	63	W	--	G	1	12-68	P	1000	24	36	D	-
W	83	421206N0711555.1	275	WARWICK EDWIN W	--	D	--	W	35	W	--	UT	--	--	-	--	--	--	-	P
W	84	420904N0711521.1	175	MASS PUB WELFAR	--	V	1	T	36	W	--	UR	22	4-43	H	--	--	--	-	P
W	85	420833N0711241.1	220	HRENCHUK JOHN	1956	V	4	O	24	W	--	UR	21	6-63	I	--	--	--	-	-
W	86	420732N0711514.1	185	WALPOLE TOWN	1958	-	--	G	--	W	--	UR	--	--	P	--	--	--	-	P
W	87	420904N0711532.1	140	WALPOLE TOWN	1954	-	--	G	--	W	--	UR	--	--	P	--	--	--	-	M
W	88	420733N0711446.1	180	WALPOLE TOWN	--	V	2	-	70	W	--	UR	--	--	P	--	--	--	-	M

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER		LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/ METHOD DRILLED		WELL DIAMETER (IN)	WELL FINISH	WELL DEPTH (FT)	WELL USE	FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER LEVEL (FT)	WATER DATE MEASURED	WATER USE	PUMPAGE YIELD (GPM)	PUMPAGE DD (FT)	PUMPAGE TIME (HR)	LOG	QW
									WESTWOOD											
A	1	421315N0711045.1	95	US GEOL SURVEY	1967	B	4	-	38	T	--	R	13	11-67	U	--	--	--	G	-
A	2	421321N0711055.1	90	US GEOL SURVEY	1967	B	4	-	49	T	--	WR	--	--	U	--	--	--	G	C
W	35	421258N0711108.1	80	NORWOOD TOWN	1925	W	2	O	30	T	--	R	--	--	U	--	--	--	D	-
W	38	421207N0711432.1	175	NORWOOD TOWN	1925	W	2	O	40	T	--	4S	--	--	U	30	--	--	-	-
W	39	421139N0711417.1	160	NORWOOD TOWN	1925	W	2	O	31	T	--	--	--	--	U	--	--	--	-	-
W	40	421231N0711402.1	180	NORWOOD TOWN	1949	W	2	O	59	T	--	S	--	--	U	40	1	24	D	P
W	43	421229N0711357.1	185	NORWOOD TOWN	1951	-	24	G	51	W	--	R	1	3-51	P	600	4	183	D	-
W	44	421249N0711111.1	70	A AND P CO	1956	-	8	G	46	W	--	US	12	4-56	C	150	21	24	D	-
W	45	421224N0710906.1	54	DEDHAM WATER CO	1954	-	24	G	66	W	--	UR	15	-54	P	900	--	144	D	P
W	46	421213N0710904.1	50	DEDHAM WATER CO	1958	-	24	G	65	W	--	UR	6	2-58	P	900	--	120	D	-
W	47	421155N0710912.1	52	DEDHAM WATER CO	1962	-	24	G	65	W	--	UR	6	2-62	P	900	10	47	D	-
W	48	421204N0710911.1	52	DEDHAM WATER CO	1966	-	18	G	71	W	--	UR	6	4-66	P	1050	10	116	-	-
									WEYMOUTH											
A	3	420905N0705825.1	155	US GEOL SURVEY	1966	B	4	-	20	T	--	R	--	--	U	--	--	--	G	-
B	1	421043N0705800.1	141	MDPW	1929	V	2	-	16	T	--	--	7	-29	U	--	--	--	D	-
B	2	421114N0705559.1	93	MDPW	1955	V	2	O	18	T	12	--	4	12-55	U	--	--	--	D	-
B	3	421141N0705721.1	91	MDPW	1955	V	2	-	36	T	--	--	0	12-55	U	--	--	--	D	-
B	4	421115N0705605.1	89	MDPW	1955	V	2	-	16	T	--	--	1	12-55	U	--	--	--	D	-
W	2	420954N0705645.1	180	US GEOL SURVEY	1964	B	2	S	30	D	--	UT	20	11-64	U	--	--	--	G	-
W	3	421147N0705719.1	90	US GEOL SURVEY	1964	B	2	S	22	D	--	UX	13	11-64	U	--	--	--	G	J
W	4	421120N0705628.1	90	US GEOL SURVEY	1964	B	2	S	22	D	--	3S	9	11-64	U	--	--	--	G	J
W	18	421248N0705506.1	50	WEYMOUTH TOWN	1957	W	2	O	44	T	--	UR	0	2-57	U	23	--	--	D	-
W	19	421245N0705505.1	45	WEYMOUTH TOWN	1957	W	2	O	44	T	--	UR	0	2-57	U	57	--	--	D	-
W	23	421220N0705746.1	9	WEYMOUTH TOWN	1965	W	2	O	15	T	--	--	--	--	U	--	--	--	-	-
W	24	421237N0705656.1	70	WEYMOUTH TOWN	1957	W	2	O	28	T	--	UR	--	--	U	--	--	--	D	-
W	26	421158N0705659.2	98	WEYMOUTH TOWN	1959	W	2	O	50	T	--	6R	0	1-59	U	75	--	--	D	-
W	28	421154N0705712.1	100	WEYMOUTH TOWN	1958	W	2	O	39	T	--	6R	2	7-58	U	62	1	5	D	-
W	30	421149N0705706.1	95	WEYMOUTH TOWN	1958	W	2	-	26	T	--	UG	--	--	U	--	--	--	D	-
W	31	421142N0705713.1	95	WEYMOUTH TOWN	1959	W	2	O	31	T	--	UR	--	--	U	--	--	--	-	-
W	32	421143N0705741.1	120	WEYMOUTH TOWN	1959	W	2	O	19	T	--	6S	--	--	U	--	--	--	D	-
W	33	421129N0705735.1	115	WEYMOUTH TOWN	1957	W	2	O	9	T	--	T	--	--	U	--	--	--	D	-
W	35	421143N0705628.1	80	WEYMOUTH TOWN	1958	W	2	O	34	T	--	--	--	--	U	70	--	--	-	-
W	36	421139N0705635.1	90	WEYMOUTH TOWN	1958	W	2	O	51	T	--	--	--	--	U	68	--	--	-	-
W	37	421134N0705628.1	70	WEYMOUTH TOWN	1957	W	2	O	40	T	--	UR	2	10-57	U	45	--	2	D	-
W	38	421126N0705645.1	130	WEYMOUTH TOWN	1957	W	2	O	30	T	--	UR	1	11-57	U	55	--	--	D	-
W	39	421129N0705627.1	90	WEYMOUTH TOWN	1958	W	2	O	83	T	--	1S	--	--	U	--	--	--	D	-
W	40	421136N0705620.1	80	WEYMOUTH TOWN	1958	W	2	O	50	T	--	1S	6	11-58	U	--	--	--	D	-
W	41	421120N0705610.1	90	WEYMOUTH TOWN	1958	W	2	O	9	T	--	--	--	--	U	--	--	--	-	-
W	54	421052N0705648.1	125	WEYMOUTH TOWN	1965	W	2	O	30	T	--	UR	2	8-65	U	50	5	1	D	-
W	55	421053N0705555.1	125	WEYMOUTH TOWN	1965	W	2	O	33	T	--	US	--	--	U	--	--	--	D	-
W	56	421057N0705727.1	140	WEYMOUTH TOWN	1957	W	2	-	31	T	--	2S	--	--	U	--	--	--	D	-
W	57	421051N0705727.1	135	WEYMOUTH TOWN	1957	W	2	O	32	T	--	R	--	--	U	--	--	--	D	-
W	58	421057N0705744.1	140	WEYMOUTH TOWN	1957	W	2	-	29	T	--	--	--	--	U	--	--	--	D	-
W	60	421051N0705752.1	135	WEYMOUTH TOWN	1957	W	2	O	31	T	--	US	--	--	U	--	--	--	D	-
W	62	421053N0705804.1	135	WEYMOUTH TOWN	1965	W	2	O	38	T	--	UR	--	--	U	--	--	--	D	-
W	63	421027N0705745.1	135	WEYMOUTH TOWN	1965	W	2	O	20	T	--	UT	--	--	U	--	--	--	-	-
W	64	421023N0705737.1	135	WEYMOUTH TOWN	1957	W	2	O	23	T	--	UR	--	--	U	--	--	--	D	-
W	65	421022N0705536.1	175	WEYMOUTH TOWN	1965	W	2	O	4	T	--	UT	--	--	U	--	--	--	-	-
W	66	421031N0705608.1	115	WEYMOUTH TOWN	1965	W	2	O	53	T	--	1S	--	--	U	--	--	--	D	-
W	67	420957N0705539.1	135	WEYMOUTH TOWN	1957	W	2	O	25	T	--	UR	9	1-57	U	25	--	1	D	-
W	69	421004N0705537.1	115	WEYMOUTH TOWN	1957	W	2	O	36	T	--	R	2	1-57	U	--	--	--	D	-
W	70	421009N0705536.1	115	WEYMOUTH TOWN	1956	W	2	O	71	T	--	UP	1	1-57	U	--	--	--	D	-
W	76	420910N0705756.1	160	WEYMOUTH TOWN	1957	W	2	O	22	T	--	UR	2	3-57	U	--	--	--	-	-
W	77	420923N0705841.1	170	WEYMOUTH TOWN	1965	W	2	O	35	T	--	UR	6	8-65	U	--	--	--	D	-
W	78	420843N0705812.1	170	WEYMOUTH TOWN	1957	W	2	O	16	T	--	--	--	--	U	--	--	--	D	-
W	79	420939N0705805.1	150	WEYMOUTH TOWN	1965	W	2	O	38	T	--	UR	4	12-65	U	40	2	2	D	-
W	80	420940N0705758.1	170	WEYMOUTH TOWN	1965	W	2	O	34	T	--	R	4	12-65	U	--	--	--	D	-
W	81	420947N0705802.1	150	WEYMOUTH TOWN	1965	W	2	O	30	T	--	1S	3	12-65	U	--	--	--	D	-
W	82	420951N0705804.1	150	WEYMOUTH TOWN	1965	W	2	O	18	T	--	UR	--	--	U	--	--	--	D	-
W	84	420906N0705757.1	150	WEYMOUTH TOWN	1965	W	2	O	30	T	--	UR	3	12-65	U	--	--	--	D	-
W	86	420957N0705805.1	170	WEYMOUTH TOWN	1965	W	2	O	32	T	--	UR	4	12-65	U	45	8	3	D	-
W	92	421205N0705703.4	100	WEYMOUTH TOWN	1965	W	2	O	19	T	--	UT	--	--	U	--	--	--	D	-
W	95	421045N0705743.1	135	WEYMOUTH TOWN	1965	W	2	O	30	T	--	UR	1	12-65	U	--	--	--	D	-
W	97	420943N0705532.2	128	WEYMOUTH TOWN	1965	W	2	O	47	T	--	UR	2	11-65	U	40	--	2	D	-
W	98	420937N0705531.1	128	WEYMOUTH TOWN	1965	W	2	O	27	T	--	UR	--	--	U	--	--	--	D	-
W	100	421153N0705717.1	95	WEYMOUTH TOWN	1944	-	24	G	56	W	--	UR	--	--	P	700	--	--	-	M
W	101	421143N0705719.1	95	WEYMOUTH TOWN	1951	-	24	G	55	W	--	UR	--	--	P	700	--	--	-	M
W	102	421201N0705708.1	100	WEYMOUTH TOWN	1963	-	24	G	49	W	--	UR	--	--	P	700	--	--	D	-
W	103	421137N0705639.1	90	WEYMOUTH TOWN	1959	-	24	G	42	W	--	UR	--	--	P	500	--	--	-	M
W	104	420955N0705836.1	160	US GEOL SURVEY	1966	B	2	O	42	D	--	R	F	7-67	U	--	--	--	G	-
W	105	420950N0705546.1	135	WEYMOUTH TOWN	--	D	--	W	17	D	--	UR	15	8-67	U	--	--	--	-	-
W	107	421209N0705725.1	118	OLD COLONY LAND	1967	-	6	X	620	U	25	H	--	--	U	4	--	--	-	-
W	110	421113N0705720.1	168	WEYM CAR WASH	1966	-	6	X	505	W	14	H	--	--	C	40	--	--	-	-
W	117	421135N0705700.1	98	ALSTON STUDIO	1955	W	2	S	34	W	--	S	6	11-55	C	40	--	2	D	P
W	118	421003N0705131.1	147	ALVIN HOLLIS CO	1966	-	6	X	245	W	55	H	--	--	H	5	--	--	-	-
W	119	421003N0705626.1	182	ASHER JAMES,D	1965	-	6	X	525	W	55	H	--	--	H	2	--	--	-	-
W	120	420945N0705544.1	130	RYAN PAUL W	1964	-	6	X	125	W	21	H	--	--	H	12	--	--	-	-
W	121	420950N0705804.1	171	RAYMOND ARTHUR	1954	-	6	X	140	W	5	H	15	5-54	H	3	--	--	-	-

TABLE 1.--DESCRIPTION OF SELECTED WELLS AND BORINGS -- CONTINUED

LOCAL WELL NUMBER	LATITUDE-LONGITUDE	ALTITUDE OF LSD (FT)	OWNER OR USER	YEAR/ METHOD DRILLED	WELL				FEET TO BEDROCK	WATER-BEARING MATERIAL	WATER			PUMPAGE			LOG	QW
					DIAMETER (IN)	FINISH	DEPTH (FT)	USE			LEVEL (FT)	DATE MEASURED	USE	YIELD (GPM)	DD (FT)	TIME (HR)		
WEYMOUTH --CONTINUED																		
W 123	420934N0705615.1	161	NAV AIR STATION	1941 C	6	X	50	T	21	--	10	11-41	U	8	23	3	D	-
W 124	420935N0705612.1	161	NAV AIR STATION	1941 C	6	X	34	T	29	--	--	--	U	--	--	--	D	-
W 126	420931N0705602.1	160	NAV AIR STATION	1966 B	4	X	28	T	18	--	--	--	U	--	--	--	D	-
W 134	421033N0705605.1	110	US GEOL SURVEY	1967 B	2	S	47	O	--	PR	2	12-67	U	--	--	--	G	-
X 7	420947N0705705.1	152	NAV AIR STATION	1951 W	--	O	30	T	--	--	2	3-51	U	--	--	--	D	-
X 8	420950N0705709.1	152	NAV AIR STATION	1951 W	--	O	22	T	--	--	1	3-51	U	--	--	--	D	-
X 16	420955N0705636.1	180	NAV AIR STATION	1968 W	2	O	25	T	--	--	4	5-68	U	--	--	--	D	-
X 17	420948N0705620.1	174	NAV AIR STATION	1968 W	2	O	8	T	--	--	2	5-68	U	--	--	--	D	-
X 18	420940N0705609.1	165	NAV AIR STATION	1968 W	2	O	8	T	--	--	1	5-68	U	--	--	--	D	-
X 19	420938N0705623.1	176	NAV AIR STATION	1968 W	2	O	15	T	--	--	6	5-68	U	--	--	--	D	-

Table 2.--Logs of selected wells and borings

(Depths are given in feet below land surface.)

	Depth
AVON W44.	
Hard-packed sand	0 - 16
Hardpan	16 - 21
Refusal	at 21
AVON W45.	
Sand, broken stones, and gravel	0 - 16.3
Refusal	at 16.3
AVON W46.	
Hard-packed sand	0 - 16
Hardpan	16 - 24
Hardpan and broken stones	24 - 29.5
Refusal	at 29.5
AVON W52.	
Boulders and hardpan	0 - 11
Refusal	at 11
BOSTON W397.	
Sand, gravel	0 - 36
Fine gravel	36 - 77
Sand, gravel	77 - 98
BRAINTREE W22.	
Topsoil, hardpan	0 - 10
Hardpan, boulders	10 - 20
Sandy clay, boulders	20 - 30
Hardpan, boulders	30 - 68
Blue clay	68 -114
BRAINTREE W23.	
Heavy gravel	0 - 20
Fine sand with scattered gravel, gray	20 - 50
Fine sand, gray	50 - 55
Refusal (bedrock?)	at 55
BRAINTREE W25.	
Sand and clay, brown	0 - 15
Fine sand and clay, brown	15 - 35
Hard-packed sharp gravel and clay, brown	35 - 44
Refusal	at 44
BRAINTREE W26.	
Sand and gravel, brown	0 - 14
Fine sand, scattered gravel, and clay, gray	14 - 30
Sharp, heavy gravel, and gray clay	30 - 44
Refusal (bedrock)	at 44
BRAINTREE W28.	
Peat and gray sand	0 - 10
Heavy gravel and gray, medium sand	10 - 34
Hard-packed, sharp gravel and clay	34 - 36
BRAINTREE W32.	
Sand and clay, brown	0 - 16
Hard-packed, heavy gravel and clay, brown	16 - 23
Refusal on hardpan	at 23
BRAINTREE W33.	
Clay and scattered gravel, gray	0 - 4
Sandy clay, brown	4 - 10
Hard-packed clay, sharp gravel, and boulders, gray	10 - 18
Refusal	at 18
BRAINTREE W66.	
Sand and gravel	0 - 16
Sand and small gravel	16 - 28.5
Sand and scattered gravel	28.5 - 34.5
Sand	34.5 - 44.5
Fine clay, sand, and sharp gravel	44.5 - 47.5
Refusal	at 47.5
BRAINTREE W68.	
Peat	0 - 6
Fine clay, sand	6 - 20.5
Refusal	at 20.5
BRAINTREE W73.	
Fine sand, small gravel	0 - 24
Hardpan	24 - 26.7
Refusal	at 26.7
BRAINTREE W77.	
Sand and small gravel	0 - 18
Silty sand	18 - 30
Clay	30 - 35
Hard-packed sand	35 - 41
Hard-packed clay	41 - 47
Fine clay, sand, sharp gravel	47 - 53
Refusal	at 53

	Depth
BRAINTREE W82.	
Sand and gravel	0 - 6.5
Refusal	at 6.5
BRAINTREE W86.	
Hardpan and boulders	0 - 9
Fine sand	9 - 18
Sand and gravel	18 - 31
Medium sand and gravel with traces of clay	31 - 40
Fine sand, sharp gravel, gray	40 - 43
Refusal	at 43
BRAINTREE W90.	
Sand and gravel	0 - 4
Hardpan and boulders	4 - 18.7
Refusal	at 18.7
BRAINTREE W93.	
Hardpan and boulders	0 - 11
Fine sand, gray, and sharp gravel	11 - 16
Hardpan and boulders	16 - 28
Hard-packed sand, gravel, and clay	28 - 36
Refusal	at 36
BRAINTREE W94.	
Peat	0 - 2
Sand and gravel	2 - 9
Silty clay	9 - 61
Silt, sharp gravel, and clay	61 - 66
Refusal	at 66
BRAINTREE W95.	
Fill	0 - 1
Sand and gravel	1 - 14
Silty clay	14 - 59
Fine sand, sharp gravel, clay	59 - 64
Refusal	at 64
BRAINTREE W98.	
Peat	0 - 2.5
Hard-packed sand, gravel, and boulders	2.5 - 18
Hardpan	18 - 30.5
Refusal	at 30.5
BRAINTREE W99.	
Loam and gravel	0 - 1
Sand and gravel	1 - 7
Silt and clay, gray	7 - 33
Fine sand and sharp gravel	33 - 35.7
Refusal	at 35.7
BRAINTREE W100.	
Sand and gravel	0 - 10
Silty clay	10 - 28
Hardpan	28 - 32
Refusal	at 32
BRAINTREE W101.	
Sand and scattered gravel	0 - 5
Fine sand	5 - 12
Fine sand and sharp gravel	12 - 18
Refusal	at 18
BRAINTREE W103.	
Sand and gravel	0 - 10
Fine sand	10 - 21
Fine to medium sand with scattered gravel	21 - 28
Fine sand, sharp gravel, and clay	28 - 37.5
Refusal	at 37.5
BRAINTREE W106.	
Sand and gravel	0 - 8
Fine sand, sharp gravel, and clay	8 - 42
Sandy clay	42 - 57
Refusal	at 57
BRAINTREE W107.	
Peat	0 - 2
Silty sand, gray	2 - 28
Sand and gravel, brown	28 - 33
Hardpan	33 - 35
Refusal	at 35
BRAINTREE W109.	
Loam and gravel	0 - 1
Hard-packed sand, gravel, clay	1 - 12
Hardpan and boulders	12 - 19
Refusal	at 19
BRAINTREE W112.	
Peat	0 - 6
Fine sand, gray	6 - 37
Silty sand, gray	37 - 80

	Depth
BRAINTREE W112 (Continued).	
Fine sand with streaks of hard clay, gray	80 - 84
Refusal	at 84
BRAINTREE W113.	
Peat	0 - 2
Sand and gravel, gray	2 - 15
Fine sand, gray	15 - 36
Soft clay, gray	36 - 39
Silt	39 - 76
Silt and sharp gravel	76 - 78
Refusal	at 78
BRAINTREE W116.	
Fill	0 - 6
Sand and gravel	6 - 18
Hardpan	18 - 29
Hard-packed sand, gravel, and clay	29 - 37
Refusal	at 37
BRAINTREE W121.	
Loam and gravel	0 - 1
Sand and gravel	1 - 14.5
Silt	14.5 - 23
Hardpan	23 - 29.7
Refusal	at 29.7
BRAINTREE W122.	
Loam	0 - 1.3
Sand and fine gravel	1.3 - 9
Hardpan	9 - 14
Refusal	at 14
BRAINTREE W124.	
Loam	0 - 1
Fine sand and sharp gravel	1 - 14
Hard clay and boulders	14 - 26
Refusal	at 26
BRAINTREE W126.	
Sandy clay	0 - 3
Hard clay and boulders	3 - 16
BRAINTREE W128.	
Loam	0 - 1
Sand and gravel	1 - 7
Silt and clay	7 - 41
Fine sand and sharp gravel	41 - 45
Hardpan	45 - 47
Refusal	at 47
BRAINTREE W146.	
Fine sand	0 - 10
Dirty gravel and sand	10 - 20
Medium gravel and sand	20 - 30
Medium pebbly gravel	30 - 35
Stony gravel	35 - 40
Medium to fine gravel	40 - 45
Pebbly gravel	45 - 50
CANTON A1.	
Medium to very coarse, well-rounded sand, brown, and fine gravel; dry	0 - 12
Medium to very coarse, well-rounded sand, brown, and some fine gravel	12 - 17
Medium well-sorted sand, with some fine sand	17 - 22
Medium to coarse sand with some fine gravel	22 - 25
Silt and fine sand, some fine gravel	25 - 42
Silt and blue clay, some scattered fine gravel	42 - 54
Sandy till	54 - 55
Refusal in till	at 55
CANTON A3.	
Gravel and some fine to coarse sand, brown; dry	0 - 12
Well-sorted sand, mostly coarse, brown	12 - 27
Very coarse, brown sand, some fine sand to fine gravel, becoming finer with depth, some coarse gravel lenses	27 - 50
Refusal (till?)	at 50
CANTON A4.	
Sand, fine, well-sorted, brown, some very fine to medium; wet.	0 - 12
Sand, very fine to fine, well-sorted, high mafic content	12 - 17
Sand, coarse, brown, and some fine gravel	17 - 32
Till	32 - 34
Refusal on bedrock	at 34

Table 2.--Logs of selected wells and borings (Continued)

	Depth
CANTON A5.	
Medium to very coarse, well-rounded, well-sorted sand, brown, and fine gravel; dry	0 - 7
Medium to coarse sand	7 - 12
Medium, well-sorted sand	12 - 22
Well-sorted sand, predominantly very fine to fine, gravel lenses	22 - 32
Till, predominantly red clay and silt, some fine gravel and sand	32 - 34
Refusal	at 34
CANTON A6.	
Sand, gray	0 - 2
Fine to coarse, well-rounded sand, brown; very wet	2 - 17
Sand and gravel	17 - 23
Sand	23 - 26
Clay, blue, and silt; some sand and fine gravel	26 - 27
Refusal, clay	at 27
CANTON A7.	
Fine, well-sorted sand, some very fine to medium, brown; wet	0 - 12
Medium to very coarse sand and fine to medium gravel	12 - 33.5
Clay	33.5 - 35
Refusal in tight clay	at 35
CANTON A8.	
Fill, gravel	0 - 6
Very fine to very coarse, well-rounded sand, brown; very fine gravel; wet	6 - 17
Sand, as above, but becoming finer with depth, at 18 feet coarse gravel; very wet	17 - 22
Very fine to medium sand and silt, some clay	22 - 27
Silt and clay, some very fine sand	27 - 32
Silt and pinkish clay, some sand and gravel	32 - 37
Auger off at angle, stopped	at 37
CANTON A10.	
Medium to very coarse sand, brown and fine gravel; moist	0 - 7
Fine to very coarse sand, and fine gravel	7 - 12
Silt and very fine to medium sand, intermixed with some coarse sand and fine gravel lenses	12 - 32
Clay, green, and silt	32 - 37
Till with brown clay matrix	37 - 38
Refusal	at 38
CANTON A11.	
Fill	0 - 7
Well-rounded gravel, predominantly medium; wet	7 - 12
Sand with gravel lenses	12 - 27
Silt and some clay	27 - 32
Till, silt and clay matrix with some angular pebbles	32 - 37
CANTON A12.	
Coarse gravel	0 - 12
Gravel and sand	12 - 22
Sand, mostly coarse, some fine sand to coarse gravel	22 - 32
Stopped, difficulty with coarse gravel	at 32
CANTON A13.	
Subrounded, medium sand to medium gravel	0 - 24
Refusal on boulder	at 24
CANTON A14.	
Medium to very coarse sand, brown, very fine to coarse gravel; poorly-sorted, rounded to subrounded	0 - 26
Refusal on boulder	at 26
CANTON R1.	
Very soft, sandy peat, dark yellow-brown; wet	0 - 4.5
Firm, medium to fine gray sand; trace of gravel	4.5 - 9
Loose, fine to medium, silty sand; trace of clay, gray	9 - 16
Loose, fine to very fine, silty sand; trace of clay, gray; wet.	16 - 20
Loose, very fine to fine silty sand and soft clay, gray	20 - 25

	Depth
CANTON R3.	
Sandy loam	0 - 2.5
Hard, medium to fine sand and gravel; some coarse sand; boulders, yellow; dry	2.5 - 5
Very compact, medium to fine sand and gravel, yellow; dry	5 - 6.5
Rock, hard, fine to very fine grained shale, highly fractured, recovered 7 feet	6.5 - 14.5
CANTON R4.	
Very soft peat, dark yellow-brown; wet	0 - 6
Loose, fine to medium sand; trace of silt, gray	6 - 11
Firm, medium to fine sand; trace of gravel and coarse sand, gray; wet	11 - 15
Firm, medium to fine sand, some coarse sand; trace of gravel, yellow; wet	15 - 21
Firm, medium to fine sand, some coarse sand; trace of gravel and clay, gray; wet	21 - 26
CANTON R5.	
Sandy loam	0 - 2.5
Very compact, medium to fine yellow sand and gravel, some coarse sand; dry	2.5 - 5
Rock, medium to hard; medium to coarse grained granodiorite, green-gray, highly fractured, recovered 5.5 feet	5 - 13
CANTON R6.	
Sandy loam	0 - 2
Firm, medium to fine sand and gravel; some coarse sand, yellow; boulders; dry	2 - 6
Hard, medium to fine sand and gravel; some coarse sand, yellow; boulders; moist	6 - 11.5
Rock, hard to medium, medium to coarse grained granodiorite, green-gray, highly fractured, recovered 5.8 feet	11.5 - 20
CANTON R7.	
Soft, sandy loam	0 - 2
Loose, medium to fine sand, some coarse sand; trace of gravel, yellow; boulders; moist	2 - 6
Firm, very fine, silty sand; some soft clay, yellow; wet	6 - 12
Firm, fine to very fine sand; trace of silt, yellow; wet	12 - 19
Compact, medium to fine sand, yellow; some gravel and coarse sand; trace of clay; boulders; wet	19 - 21.5
Refusal	at 21.5
CANTON R8.	
Very soft, sandy peat, dark yellow-brown; wet	0 - 2.5
Loose, medium to fine sand, some coarse sand; trace of gravel, gray; wet	2.5 - 9
Firm, medium to fine sand, yellow; some gravel; moist	9 - 13
Loose, medium to fine sand, yellow; trace of coarse sand; wet	13 - 17
Firm, medium to fine sand, yellow; some coarse sand; trace of gravel; boulders; wet	17 - 21
Refusal	at 21
CANTON R9.	
Sandy loam	0 - 2
Very hard, medium to fine sand; gravel; some clay; boulders, red-brown; moist	2 - 5
Rock, hard, fine to very fine grained felsite, pink-gray, highly fractured; recovered 6.3 feet	5 - 13
CANTON R10.	
Soft, sandy loam	0 - 2
Compact, medium to fine sand; gravel, gray-yellow; boulders; dry	2 - 8
Very compact to hard, fine to medium, silty sand; some gravel; trace of clay, yellow, boulders; moist	8 - 14.5

	Depth
CANTON R10 (Continued).	
Hard, fine to medium, silty sand; gravel; some clay, gray-yellow; boulders; moist	14.5 - 23
Very compact, medium to fine, silty sand; some gravel; trace of clay, yellow; boulders; wet	23 - 31.5
Very compact to hard, fine to medium, silty sand; some gravel and clay, yellow; boulders; wet	31.5 - 40.5
CANTON W16.	
Hardpan and boulders	0 - 12
Tight gravel	12 - 22
Medium gravel	22 - 35
Coarse gravel	35 - 46
Ledge	at 46
CANTON W17.	
Coarse gravel	0 - 20
Coarse sand and gravel	20 - 39
Medium to coarse sand	39 - 44
Coarse gravel	44 - 54
CANTON W20.	
Fine sand, brown	0 - 20
Sand and gravel	20 - 35
Fine, sandy clay	35 - 50
Fine sand and small gravel	50 - 55
Fine, silty sand	55 - 65
Silty clay	65 - 73
Refusal	at 73
CANTON W21.	
Sand, brown; coarse gravel; boulders	0 - 10
Refusal	at 10
CANTON W22.	
Peat	0 - 5
Sand, brown; gravel	5 - 14
Firm clay, gray	14 - 22
Hardpan	22 - 28
Refusal	at 28
CANTON W23.	
Sand, brown; gravel	0 - 22
Sand and clay	22 - 26
Refusal	at 26
CANTON W25.	
Tightly-packed sand, gray; gravel	0 - 8
Tightly packed sand, brown; gravel	8 - 27
Fine sand, brown	27 - 38
Sand, brown; gravel	38 - 48
Fine sand, brown; gravel with clay	48 - 59
Hardpan	59 - 71
Refusal	at 71
CANTON W26.	
Sand, brown; coarse gravel	0 - 11
Fine silt, brown	11 - 30
Sharp sand, brown; gravel	30 - 40
Sand, gray; gravel mixed with clay	40 - 52
Clay, gray, and silt	52 - 74
Refusal	at 74
CANTON W27.	
Sand, brown; gravel	0 - 5
Fine sand, brown	5 - 26
Sand, brown; gravel	26 - 34
Refusal	at 34
CANTON W28.	
Fine sand, brown	0 - 5
Hardpan and boulders	5 - 25
Refusal	at 25
CANTON W29.	
Sand, brown; sharp coarse gravel with brown, soft clay	0 - 14
Hardpan and boulders	14 - 19
Refusal	at 19
CANTON W30.	
Sand, brown; coarse gravel	0 - 16
Refusal	at 16
CANTON W31.	
Sand, brown; gravel	0 - 12
Hardpan	12 - 16
Refusal	at 16

Table 2.--Logs of selected wells and borings (Continued)

	Depth			Depth			Depth	
CANTON W33.			CANTON W46.			CANTON W70.		
Fine sand, brown	0	- 25	Sand, brown; silt	0	- 20	Fine sand, brown	0	- 20
Fine sand, brown, and clay	25	- 30	Sand, brown; clay	20	- 30	Fine silt, brown	20	- 40
Firm clay, green	30	- 36	Refusal		at 30	Fine silt, brown; clay	40	- 51
Refusal		at 36						
			CANTON W47.			CANTON W72.		
CANTON W34.			Fine sand, brown	0	- 25	Fine sand, brown	0	- 23
Fine sand, brown	0	- 18	Fine to medium sand, brown	25	- 40	Fine sand, brown; small, sharp gravel mixed with clay	23	- 45
Fine silt, brown	18	- 39	Medium sand, brown	40	- 54	Silt, brown; clay	45	- 59
Fine sand, brown; scattered sharp gravel	39	- 49	Hardpan	54	- 62	Sand, brown; small gravel mixed with soft clay	59	- 68
Hardpan	49	- 54.5	Refusal		at 62			
Refusal		at 54.5						
			CANTON W48.			DEDHAM W12.		
CANTON W35.			Fine sand, brown	0	- 25	Loam	0	- 2.5
Fine sand, brown	0	- 30	Medium sand, brown	25	- 53	Sand, yellow	2.5	- 5
Fine sand, brown; soft, gray clay	30	- 60	Medium sand, brown; clay	53	- 69	Hardpan; clay; gravel	5	- 16
Refusal		at 60				Gravel	16	- 18
			CANTON W49.			Bedrock	18	- 30
CANTON W36.			Peat	0	- 7			
Peat and fine, brown sand	0	- 4	Dirty sand, brown	7	- 21			
Sand, brown; sharp, small gravel	4	- 18	Soft clay, brown and gray	21	- 39	DEDHAM W15.		
Sand, brown; sharp gravel mixed with soft, brown clay	18	- 29	Fine sand, brown	39	- 60	Loam	0	- 2
Refusal		at 29	Sand, gray; clay	60	- 86	Sand, red	2	- 3
			Refusal		at 86	Gravel	3	- 30
CANTON W37.			CANTON W50.			DEDHAM W231.		
Sand, brown; gravel; boulders	0	- 5	Peat	0	- 6	Gravel fill	0	- 2.5
Fine sand, brown; scattered small gravel	5	- 16	Sand, brown; gravel	6	- 20	Silt, gray-brown	2.5	- 21
Sand, brown; sharp gravel mixed with soft clay	16	- 28	Hardpan	20	- 25	Till	21	- 21.9
Refusal		at 28	Refusal		at 25			
						DEDHAM W262.		
CANTON W38.			CANTON W51.			Sand; sharp gravel	0	- 15
Sand, brown; gravel	0	- 21	Tightly packed sand, brown	0	- 26	Clay	15	- 68
Fine sand, brown	21	- 39	Coarse sand, brown; gravel; traces of clay	26	- 33			
Medium sand, brown	39	- 49	Sand, brown; gravel	33	- 54.5	DEDHAM W263.		
Fine, sandy silt, brown	49	- 69	Refusal		at 54.5	Peat	0	- 3
Silt, brown and gray	69	- 79				Sand; sharp, tight gravel	3	- 25
Refusal		at 79	CANTON W53.			Clay	25	- 39
			Clay and hardpan	0	- 9			
CANTON W39.			Fine sand, gray	9	- 25	FOXBOROUGH W3.		
Peat	0	- 3	Fine silt, gray	25	- 40	Very fine to fine well-sorted, angular to subrounded sand, brown; scattered, coarse sand; fine gravel	0	- 7.5
Sand, gray-brown; clay	3	- 20	Firm clay	40	- 60	Very fine well-sorted sand, brown; some silt	7.5	- 20
Sand, brown; gravel	20	- 36	Silty sand, gray; small gravel	60	- 78	Till (?)	20	- 32
Hardpan	36	- 38.5	Refusal		at 78			
Refusal		at 38.5						
			CANTON W54.					
CANTON W40.			Sand, brown	0	- 6	FOXBOROUGH W20.		
Fine sand, brown	0	- 21	Sand, brown; sharp gravel, mixed with firm clay	6	- 27	Mud and topsoil; clay; sand	0	- 14.8
Medium sand, brown; small sharp gravel	21	- 31				Medium sand and gravel; a little clay; sharp gravel	14.8	- 20.1
Sand, brown; gravel	31	- 44	CANTON W58.			Medium sand and gravel, some sharp	20.1	- 25.2
Silty sand, brown, and small, sharp gravel	44	- 49	Sand; boulders	0	- 7	Medium to coarse sand	25.2	- 30.5
Firm clay, gray, and sharp gravel	49	- 54	Sand, brown; gravel	7	- 28	No record	30.5	- 34.8
Refusal		at 54	Fine sand, brown; small, sharp, dirty gravel	28	- 40	Refusal, rock or ledge		at 34.8
			Hardpan	40	- 48			
CANTON W41.			Refusal		at 48	FOXBOROUGH W21.		
Sharp sand, brown, and coarse gravel; large boulders	0	- 19				Mud; sand; gravel; clay; gray-brown sand	0	- 20
Fine sand, brown; clay	19	- 24	CANTON W61.			No record	20	- 23.7
Hardpan	24	- 32	(Log of 8-inch well at site.)			Refusal		at 23.7
Refusal		at 32	Topsoil and sand	0	- 10			
			Clay, gray	10	- 20	FOXBOROUGH W22.		
CANTON W42.			Sand and gravel	20	- 30	Medium to fine sand; some clay; some rough, broken gravel	0	- 20
Peat	0	- 5	Coarse gravel	30	- 40	No record	20	- 25.9
Sand and sharp gravel	5	- 20	Medium gravel	40	- 43	Refusal on rock or ledge		at 25.9
Silt, gray	20	- 32	(Finished well depth 54 feet in coarse gravel.)					
Firm clay, gray	32	- 43				FOXBOROUGH W24.		
Refusal		at 43	CANTON W63.			Sand; clay; broken gravel	0	- 20.2
			(Log of 8-inch well at site.)			No record	20.2	- 25.1
CANTON W43.			Sand and gravel	0	- 10	Refusal, ledge or rock		at 25.1
Sand, brown, and gravel	0	- 22	Medium sand	10	- 30			
Silt, gray	22	- 37	Coarse gravel	30	- 35	FOXBOROUGH W40.		
Soft clay, gray	37	- 52	Sand and gravel	35	- 43	Topsoil and mud	0	- 3
Firm clay, gray	52	- 83				Gravel and sand	3	- 27
Sharp, dirty sand, brown; some gravel; very tight material	83	- 92	CANTON W66.			Hardpan and boulders	27	- 31
Refusal		at 92	Fine sand	0	- 6	Ledge		at 31
			Coarse sand and gravel	6	- 32			
CANTON W44.			Hardpan and boulders	32	- 40	FOXBOROUGH W42.		
Sand, brown; boulders	0	- 7	Coarse gravel	40	- 60	Sand and gravel	0	- 28
Sand, brown; gravel	7	- 26				Sand; gravel; trace of clay	28	- 38
Fine, dirty sand, brown; small, sharp gravel mixed with clay	26	- 40	CANTON W67.			Sand and gravel	38	- 50
Hardpan	40	- 47	Firm clay, brown	0	- 25	Sand; gravel; some clay	50	- 61
Refusal		at 47	Sand, brown; gravel mixed with clay	25	- 30			
			Fine sand, brown; gravel with silty brown streaks of clay	30	- 41	FOXBOROUGH W67.		
CANTON W45.						Loose sand; gravel fill	0	- 2
Fine sand, brown	0	- 30	CANTON W68.			Firm sand; some gravel; stones; fill	2	- 14
Very fine sand; traces of clay	30	- 65	(Log of 2½-inch well at site.)			Inorganic silt; trace of fine sand and gravel	14	- 17
Medium sand, brown; mixed with clay	65	- 81	Tightly packed sand and gravel	0	- 5	Firm, fine sand	17	- 21
Refusal		at 81	Fine sand	5	- 20	Firm, coarse sand and gravel	21	- 32
			Medium sand and gravel	20	- 25	Refusal		at 32
			Coarse sand and gravel	25	- 37			
			Fine sand and small gravel	37	- 45			
			Hardpan	45	- 50			
			Refusal		at 50			

Table 2.--Logs of selected wells and borings (Continued)

	Depth	
FOXBOROUGH W70.		
Loam; sand; gravel	0 - 3.5	
Fine sand and clay, yellow	3.5 - 10	
Refusal	at 10	
FOXBOROUGH W71.		
Loam; boulders	0 - 3	
Compact sand; gravel; boulders; clay	3 - 6.6	
Refusal	at 6.6	
FOXBOROUGH W73.		
Loam; sand; gravel; cinder fill	0 - 3	
Compact sand; gravel; boulders	3 - 16	
Refusal	at 16	
FOXBOROUGH W75.		
Loose sand	0 - 2.6	
Small boulders	2.6 - 4.7	
Refusal	at 4.7	
HINGHAM B1.		
Fine sand; gravel	0 - 7	
Medium, compact, fine sand; silt; gravel	7 - 12	
Compact, medium sand; gravel	12 - 14	
HINGHAM W80.		
Fine sand; clay; some gravel	0 - 22	
Sand; gray; sharp gravel	22 - 28	
Rock or ledge (?)	28 - 32.5	
HINGHAM W81.		
Medium to fine sand, some coarse, brown at top changing to gray	0 - 20.8	
Medium sand, gray gravel	20.8 - 26	
Rock or ledge (?)	26 - 26.2	
HINGHAM W105.		
Peat	0 - 3	
Fine to medium sand, gray; broken gravel	3 - 20	
HINGHAM W108.		
Fine to medium sand, gray; broken gravel	0 - 19	
Fine to medium sand, brown; gravel	19 - 25	
Fine to medium sand, brown; gravel with clay	25 - 30	
Fine sand, brown; sharp, broken gravel	30 - 35	
No record	35 - 36	
Refusal	at 36	
HINGHAM W167.		
Peat and clay	0 - 21	
Fine sand, gray; gravel; trace of clay	21 - 42	
No record	42 - 45.5	
Refusal	at 45.5	
HINGHAM W168.		
Fine to medium sand; large gravel, brown changing to gray	0 - 26	
Fine to medium sand, gray; gravel; trace of clay	26 - 36.5	
Fine to medium sand, brown; gravel	36.5 - 41	
Fine sand, brown; broken gravel, gray; trace of clay	41 - 47	
No record	47 - 48	
Refusal	at 48	
HINGHAM W180.		
Peat	0 - 11.5	
Fine sand, gray; broken gravel	11.5 - 20	
HINGHAM W181.		
Peat	0 - 6	
Medium sand, brown	6 - 15	
HOLBROOK W4.		
Loam and clay	0 - 2	
Firm, sandy clay	2 - 9	
Coarse sand; gravel	9 - 15	
Hard clay; sharp gravel	15 - 26	
Hardpan	26 - 29	
Refusal	at 29	
HOLBROOK W5.		
Loam and clay	0 - 2	
Firm sand; clay	2 - 13	
Coarse sand; gravel	13 - 23	
Medium sand; sharp gravel; clay	23 - 34	
Hardpan and boulders	34 - 36	
Refusal	at 36	

	Depth	
HOLBROOK W6.		
Loam	0 - 1	
Firm clay, gray	1 - 11	
Sand; gravel; boulders	11 - 18	
Soft clay	18 - 23	
Hard clay; boulders	23 - 27	
Refusal	at 27	
HOLBROOK W7.		
Sand and clay	0 - 4	
Hardpan and boulders	4 - 12	
Refusal	at 12	
HOLBROOK W8.		
Sand; clay; boulders	0 - 19	
Firm clay; sharp gravel	19 - 28	
Hardpan and boulders	28 - 34	
Refusal	at 34	
HOLBROOK W13.		
Sand; gravel; boulders	0 - 9	
Fine sand; clay; boulders	9 - 17	
Fine to medium sand; red clay; scattered gravel	17 - 26	
Fine sand; clay; sharp gravel	26 - 34	
Refusal	at 34	
HOLBROOK W14.		
Fine sand; gravel	0 - 10	
Fine sand; clay	10 - 25	
Medium sand, brown; traces of clay	25 - 28	
Fine sand, brown; traces of clay	28 - 39	
Fine sand, white; clay	39 - 44	
Fine sand, brown; clay	44 - 55	
Fine to medium sand; scattered gravel; clay	55 - 64	
Hardpan	64 - 69	
HOLBROOK W15.		
Loam	0 - 1	
Fine sand; trace of clay	1 - 26	
Medium sand; sharp gravel; clay	26 - 48	
Hardpan	48 - 53	
Refusal	at 53	
HOLBROOK W17.		
Sand and gravel	0 - 11	
Fine sand; sharp gravel; clay	11 - 26	
Hard clay; boulders	26 - 31	
Refusal	at 31	
HOLBROOK W18.		
Sand; scattered gravel	0 - 22	
Soft clay; boulders	22 - 37	
Hard clay; sharp gravel	37 - 43	
Refusal	at 43	
HOLBROOK W19.		
Sand and gravel	0 - 10	
Sandy clay; sharp gravel; boulders	10 - 21	
Refusal	at 21	
HOLBROOK W20.		
Fine sand and clay	0 - 6	
Fine sand, some coarse but sharp	6 - 20	
Fine sand, gray	20 - 30	
Medium and fine sand	30 - 39	
Refusal	at 39	
HOLBROOK W21.		
Loam	0 - 1	
Fine and medium sand	1 - 25	
Fine and medium sand, brown	25 - 27	
Refusal	at 27	
HOLBROOK W24.		
Fine sand and clay	0 - 19	
Refusal	at 19	
HOLBROOK W25.		
Peat	0 - 1	
Fine sand; some gravel	1 - 15	
Fine sand; trace of clay	15 - 30	
Fine sand; some sharp gravel	30 - 36.6	
Refusal	at 36.6	
HOLBROOK W27.		
Peat	0 - 1	
Sand and clay	1 - 40	
Sand, fine, some sharp, coarse	40 - 44	
Refusal	at 44	
HOLBROOK W29.		
Fine sand and clay	0 - 28.8	
Refusal	at 28.8	

	Depth	
HOLBROOK W31.		
Loam	0 - 1	
Fine sand and clay	1 - 25	
Fine sand	25 - 29	
Sand; some gravel, very sharp	29 - 33	
Refusal	at 33	
HOLBROOK W32.		
Medium and fine sand	0 - 25	
Fine sand and clay	25 - 51	
Refusal	at 51	
HOLBROOK W33.		
Fine sand and clay	0 - 20	
Fine and medium sand	20 - 40	
Fine sand, some coarse and sharp	40 - 56	
Refusal	at 56	
HOLBROOK W34.		
Peat	0 - 1	
Fine sand and clay	1 - 25	
Refusal	at 25	
HOLBROOK W35.		
Peat	0 - 1	
Fine sand and clay	1 - 36	
Refusal	at 36	
HOLBROOK W36.		
Loam	0 - 2	
Fine sand and clay	2 - 20	
Clay	20 - 65	
Refusal	at 65	
HOLBROOK W37.		
Peat	0 - 1	
Fine sand and clay	1 - 18	
Refusal (hardpan)	at 18	
HOLBROOK W38.		
Loam	0 - 1	
Fine sand and clay	1 - 15	
Sand; some gravel, very sharp	15 - 24	
Refusal (hardpan)	at 24	
HOLBROOK W39.		
Loam	0 - 1	
Sand and gravel; trace of clay	1 - 20	
Medium sand, fine sand; gravel; traces of clay	20 - 35	
Refusal	at 35	
HOLBROOK W40.		
Loam	0 - 1	
Fine sand and clay	1 - 20	
Fine sand; some gravel, very sharp; traces of clay	20 - 40	
Refusal (hardpan)	at 40	
HOLBROOK W41.		
Peat	0 - 3	
Fine sand and clay	3 - 20	
Fine sand; some gravel	20 - 30	
Fine and medium sand	30 - 41	
Refusal	at 41	
HOLBROOK W42.		
Fine sand	0 - 31	
Fine sand, some coarse and sharp	31 - 41	
Refusal	at 41	
HOLBROOK W43.		
Fine and medium sand	0 - 20	
Fine, some coarse sand	20 - 25	
Fine and medium sand	25 - 32	
Stopped, pipe bent	at 32	
HOLBROOK W46.		
Peat	0 - 8	
Fine sand; clay	8 - 38	
Gravel, medium to fine sand	38 - 42	
HOLBROOK W47.		
Peat	0 - 3	
Sandy clay; gravel	3 - 22	
Sand and gravel	22 - 25	
Hard clay and boulders	25 - 36	
Fine sand; sharp gravel	36 - 41	
Refusal	at 41	
HOLBROOK W48.		
Sandy clay	0 - 2	
Fine sand	2 - 17	
Hard clay	17 - 20	
Refusal	at 20	

Table 2.--Logs of selected wells and borings (Continued)

	Depth	
HOLBROOK W49.		
Fine sand and gravel	0	- 12
Sand and gravel	12	- 19
No sample	19	- 26
Refusal		at 26
HOLBROOK W50.		
Sand; gravel; clay	0	- 23
Silt; sharp gravel	23	- 38
Hardpan	38	- 42
Refusal		at 42
HOLBROOK W51.		
Sand and gravel	0	- 16
Sharp gravel; sand	16	- 20
Sand; gravel; clay	20	- 27
Refusal		at 27
HOLBROOK W52.		
Fine sand	0	- 12
Hardpan	12	- 18
Clay	18	- 22
Refusal		at 22
HOLBROOK W53.		
Sand	0	- 16
Fine sand	16	- 30
Medium sand	30	- 33
Fine sand	33	- 46
Refusal		at 46
HOLBROOK W55.		
Loam	0	- 1
Sandy clay; gravel	1	- 4
Sand; silt; boulders	4	- 21
Fine sand; sharp gravel	21	- 27
Silt	27	- 34
Hardpan	34	- 36
Refusal		at 36
HOLBROOK W57.		
Sandy clay; gravel; boulders	0	- 6
Soft clay	6	- 17
Hardpan	17	- 24
Refusal		at 24
HOLBROOK W58.		
Sandy clay	0	- 2
Firm clay	2	- 15
Fine sand; sharp gravel	15	- 17
Hardpan	17	- 23
Refusal		at 23
HOLBROOK W59.		
Hard clay; boulders	0	- 9
Fine sand; gravel	9	- 18
Hard clay; boulders	18	- 25
Refusal		at 25
HOLBROOK W61.		
Sand; gravel; boulders	0	- 7
Hard clay; sharp gravel	7	- 22
Refusal		at 22
HOLBROOK W63.		
Loam and clay	0	- 1
Sandy clay and boulders	1	- 7
Sand and gravel	7	- 13
Hardpan and boulders	13	- 18
Refusal		at 18
HOLBROOK W64.		
Fill	0	- 3
Peat	3	- 4
Fine to medium sand and scattered gravel	4	- 32
Hard-packed sand; gravel; clay	32	- 37
HOLBROOK W198.		
Loam	0	- 2
Fine sand, brown; gravel	2	- 18
Silty sand, yellow	18	- 29
Hardpan	29	- 32
Refusal		at 32
MEDFIELD A1.		
Sand; silt; gravel, dirty	0	- 11
Refusal		at 11
MEDFIELD A2.		
Medium to very coarse, well-rounded, well-sorted sand, brown; fine gravel; wet	0	- 12
Fine to medium sand, high mafic content	12	- 17
Sand, predominantly coarse to very coarse; fine gravel	17	- 45
Refusal in blue clay		at 45

	Depth	
MEDFIELD A3.		
Gravel	0	- 12
Sand; some gravel	12	- 22
Poorly sorted sand; gravel	22	- 44
Refusal		at 44
MEDFIELD A4.		
Medium to very coarse sand, brown; fine gravel, finer with depth	0	- 41
Sand; lenses of coarse gravel	41	- 58
Refusal (clay)		at 58
MEDFIELD W125.		
(Log of 8-inch well at site.)		
Sharp gravel; clay	0	- 20
Coarse sand; gravel	20	- 25
Coarse to medium sand	25	- 50
Coarse gravel; boulders; some medium sand	50	- 60
MEDFIELD W129.		
Fine to medium sand and gravel; some clay	0	- 25
Fine to medium sand and gravel	25	- 30
Medium to coarse sand and gravel	30	- 40
Fine to medium sand and gravel	40	- 46
No record	46	- 49
Refusal		at 49
MEDFIELD W130.		
Fine sand and gravel; some clay	0	- 38
Fine to medium sand and gravel	38	- 48
Fine sand and gravel	48	- 53
Fine to medium sand and gravel	53	- 58
Fine sand and gravel	58	- 73.5
Refusal		at 73.5
NORWOOD A1.		
Sand, all sizes, brown, well-rounded, well-sorted; gravel lenses, some coarse	0	- 61
Silt; blue clay	61	- 62
NORWOOD A2.		
Sand, predominantly medium, brown, subrounded, well-sorted; some gravel; moist	0	- 22
Silt; gray-green clay; at 36 feet some sand and gravel	22	- 42
Till, predominantly clay and silt, with some angular gravel and sand, purple	42	- 43
Refusal in till		at 43
NORWOOD A3.		
Peat	0	- 1
Sand, brown; gravel; dry	1	- 5
Peat	5	- 6
Medium sand, brown, wet	6	- 14
Clay, blue, and interbedded fine sand, dry	14	- 35
Clay, blue	35	- 55
Clay, blue; some gravel	55	- 60
Clay, blue, tight	60	- 64
Hardpan, clay and gravel pebbles	64	- 65
Refusal		at 65
NORWOOD A4.		
Peat	0	- 7
Coarse sand, brown, wet	7	- 13
Medium sand, brown	13	- 33
Medium sand, gray to brown; some gray clay	33	- 72
Medium sand, brown	72	- 90
Medium sand, brown; some blue clay	90	-105
Sandy clay, blue (drilling more difficult)	105	-128
Sand and gravel (?)	128	-135
Coarse sand	135	-136
Refusal		at 136
NORWOOD A5.		
Coarse sand, brown; gravel	0	- 5
Peat	5	- 7
Coarse sand, brown, wet	7	- 55
Medium sand, gray	55	- 90
Medium sand, gray; silty clay	90	-152
NORWOOD A6.		
Sand and gravel	0	- 2
Peat	2	- 6
Sand, brown; gravel; wet	6	- 79
Sand, brown; clay, silty	79	- 87
Clay	87	- 95
Refusal in hardpan		at 95

	Depth	
NORWOOD A7.		
Fill: sand and gravel	0	- 3
Peat	3	- 7
Medium sand, brown, wet	7	- 69
Silty clay, gray	69	- 87
Refusal		at 87
NORWOOD A8.		
Medium sand, brown	0	- 14
Medium sand, brown; some gravel	14	- 28
Sand and gravel	28	- 44
Clay; lenses of gravel	44	- 47
Stopped, drilling slow		at 47
NORWOOD W4.		
Soil and peat	0	- 2
Gravel and sand	2	- 10
Fine sand	10	- 22
Fine sand; clay	22	- 34
Gravel, some fine sand	34	- 44
Gravel and sand	44	- 51
Medium to fine sand	51	- 72
Coarse gravel; fine sand	72	- 88
Refusal		at 88
NORWOOD W5.		
Peat and mud	0	- 6
Sand and gravel	6	- 15
Clay, yellow	15	- 25
Gravel and clay	25	- 33.5
NORWOOD W6.		
Peat	0	- 8
Sand and gravel	8	- 20
Clay	20	- 45.6
NORWOOD W7.		
Mud	0	- 1
Sand, with little gravel	1	- 11
Very fine sand	11	- 31
Sand with clay	31	-101.7
NORWOOD W9.		
Soil	0	- 1
Sand; some gravel	1	- 21
Fine sand	21	- 32
Very fine sand	32	- 48
Fine sand and clay	48	- 94
Coarse gravel and some sand	94	-100
Refusal		at 100
NORWOOD W10.		
Fill	0	- 12
Fine sand and gravel	12	- 14
Fine sand and clay	14	- 68
Very fine sand and clay	68	-110
Refusal on boulder		at 110
NORWOOD W11.		
Soil and peat	0	- 6
Fine sand and gravel	6	- 44
Fine sand; gravel; clay	44	- 54.7
Refusal		at 54.7
NORWOOD W16.		
Fine to coarse sand; gravel	0	- 26
Fine sand	26	- 31
Fine to coarse sand; gravel	31	- 40
Coarse sand	40	- 42
Coarse gravel; some fine sand	42	- 45
Coarse gravel	45	- 51
Refusal		at 51
NORWOOD W17.		
Fine sand; clay	0	- 40
Fine sand; some gravel	40	- 43
Very hard-packed sand; gravel	43	- 48
Sand; very hard-packed gravel	48	- 51
NORWOOD W18.		
Peat	0	- 3
Fine sand and clay	3	- 20
Fine sand and clay; some gravel	20	- 22
Fine sand and clay	22	- 28
Coarse sand; gravel; filled with very fine sand and clay	28	- 54
NORWOOD W20.		
Sand, some fine; gravel	0	- 17
Coarse sand; gravel	17	- 22
Coarse sand; gravel with fines	22	- 33
Coarse sand and gravel	33	- 37
Fine sand	37	- 43
Fine sand and clay	43	- 54
NORWOOD W21.		
Peat	0	- 4
Medium sand	4	- 42
Fine sand and clay	42	- 58
Coarse sand and fine gravel	58	- 65
Hardpan	65	- 67

Table 2.--Logs of selected wells and borings (Continued)

	Depth			Depth			Depth
NORWOOD W22.			RANDOLPH W11.			ROCKLAND X6.	
Topsoil	0	- 4	Loam and sand	0	- 4	Soft peat	0 - 17
Sand and fine gravel	4	- 17	Medium to coarse sand	4	- 12	Fine sand, gray; gravel; clay	17 - 25
Fine sand	17	- 19	Fine, silty sand	12	- 65		
Sand and gravel	19	- 32	Refusal		at 65	ROCKLAND X7.	
Fine sand	32	- 34				Soft peat	0 - 16
Medium sand	34	- 39	RANDOLPH W12.			Medium sand, gray; gravel; boulders; little clay	16 - 25
Medium to fine sand	39	- 49	Sand and gravel	0	- 18		
Fine sand	49	- 55	Fine sand; trace of clay	18	- 62	ROCKLAND X8.	
Fine sand; clay	55	-127	Silt and clay	62	- 74	Sandy loam and boulders	0 - 2.5
Gravel; sand	127	-137	Refusal		at 74	Medium sand, yellow; gravel; boulders	2.5 - 5.5
Refusal		at 137					
			RANDOLPH W13.			ROCKLAND X9.	
NORWOOD W23.			Sand; gravel	0	- 3	Loamy sand and boulders	0 - 2.5
Peat	0	- 1	Medium sand, gray	3	- 10	Medium sand, yellow; gravel; boulders	2.5 - 15
Fine sand	1	- 22	Fine, silty sand	10	- 67		
Fine sand and clay	22	- 37	Refusal		at 67	ROCKLAND X10.	
Sand; gravel; clay	37	- 40				Sandy loam; boulders	0 - 3
Hardpan	40	- 49.3	RANDOLPH W14.			Medium sand, yellow; gravel; boulders	3 - 11
Refusal		at 49.3	Loam and peat	0	- 2	Refusal	at 11
			Medium to coarse sand and gravel	2	- 9		
NORWOOD W30.			Fine, silty sand	9	- 63	ROCKLAND X11.	
Sand, coarse; gravel	0	- 40	Refusal		at 63	Sandy loam and boulders	0 - 3
						Medium sand, yellow; gravel; boulders	3 - 10
NORWOOD W38.			RANDOLPH W15.				
Fine, impervious material	0	- 80	Sandy clay	0	- 3	ROCKLAND X13.	
			Medium sand	3	- 14	Loam; sand and gravel, boulder fill	0 - 4.5
NORWOOD W42.			Fine, silty sand	14	- 60	Compact, coarse sand and gravel and boulders	4.5 - 8
Muck	0	- 3	Refusal		at 60	Coarse sand and gravel	8 - 17
Very fine sand	3	- 53					
Gravel	53	- 60	RANDOLPH W16.			ROCKLAND X14.	
Hardpan	60	- 62	Fine sand; clay; boulders	0	- 39	Loam	0 - 2
			Fine sand; sharp gravel	39	- 44	Compact, coarse sand and gravel; boulders	2 - 8.5
NORWOOD W45.			Refusal		at 44	Coarse sand and gravel	8.5 - 19
Coarse sand	0	- 24				Refusal on rock or boulder	at 19
Medium sand	24	- 32	RANDOLPH W17.				
Medium to fine sand	32	- 48	Clay; sand; boulders	0	- 25	SHARON B3.	
Medium to coarse sand	48	- 54	Refusal		at 25	Sandy loam, brown; trace of fine gravel	0 - 3
Fine to medium sand	54	- 61				Fine sand, brown; little fine gravel	3 - 8
Fine sand	61	- 77	RANDOLPH W18.			Fine to medium sand, brown; trace of silt	8 - 20
Fine, silty sand; traces of clay	77	- 84	Medium sand, gray	0	- 10	Fine sand, brown; trace of silt	20 - 30
Refusal		at 84	Coarse sand, brown; gravel	10	- 29	Fine sand, brown; little silt	30 - 54
			Refusal		at 29	Coarse sand, brown, some fine to medium gravel; trace of silt	54 - 60
NORWOOD W46.						Fine sand, brown; some silt and decomposed rock	60 - 61
Sand and clay	0	- 11	ROCKLAND A1.			Refusal	at 61
Hard-packed sand; gravel; clay; boulders	11	- 25	Dirty sand; gravel	0	- 27		
Refusal		at 25	Refusal on boulder		at 27	SHARON B4.	
						Peat, dark brown	0 - 2
RANDOLPH B1.			ROCKLAND W19.			Medium to fine sand, gray; some coarse gravel; trace of silt	2 - 15
Loamy sand and gravel fill	0	- 3.5	Sand; gravel; boulders; some clay	0	- 16	Medium to fine sand, brown; trace of silt	15 - 30
Hard sand and gravel	3.5	- 9	Sand; gravel; some clay	16	- 29	Very fine sand, brown; trace of silt	30 - 45
Hard, cemented sand and gravel, hardpan	9	- 13	Sand; sharp gravel; boulders; some hard clay	29	- 43	Very fine sand, brown; little silt	45 - 53
			Refusal		at 43	Coarse to fine sand, brown; some coarse gravel; trace of silt	53 - 59
RANDOLPH W1.						Fine sand, brown; little silt; medium to fine gravel	59 - 64
Peat	0	- 2	ROCKLAND W21.			Refusal	at 64
Fine sand	2	- 27	Sand; gravel; boulders; some clay	0	- 26		
Silt and sharp gravel	27	- 54	Sand; sharp gravel; boulders; clay	26	- 35.5	SHARON B5.	
No record	54	- 57	Sharp gravel; hard, yellow clay; boulders	35.5	- 41	Loose sand, brown; some gravel and boulders	0 - 8.5
Refusal		at 57	Refusal		at 41	Coarse sand, brown; some gravel.	8.5 - 11
						Very fine sand, brown; silt	11 - 14
RANDOLPH W2.			ROCKLAND W97.			Very fine sand, brown; some silt; trace of gravel	14 - 19
Fine sand and gravel	0	- 9	Gravel	0	- 50	Coarse sand, brown; some gravel.	19 - 24
Hard clay, red; sharp gravel	9	- 24				Rock, recovered 5 feet	24 - 32
Refusal		at 24	ROCKLAND X2.				
			Sand, gravel, boulder fill	0	- 1.5	SHARON B6.	
RANDOLPH W3.			Compact, coarse sand and gravel.	1.5	- 4.5	Fine sand, dark brown; some silt; trace of gravel	0 - 5
Loam and gravel	0	- 1	Fine sand, yellow; little gravel	4.5	- 7	Fine sand, brown; trace of gravel	5 - 10
Hard clay, red	1	- 12	Medium sand, yellow; little gravel	7	- 9.5	Fine sand, brown; some silt and gravel	10 - 20
Hard clay; boulders	12	- 21	Compact, medium sand and gravel.	9.5	- 14	Sand, brown; some gravel; silt	20 - 27
Refusal		at 21	Refusal on rock or boulder		at 14	Rock, recovered 3 feet	27 - 35
RANDOLPH W4.			ROCKLAND X3.				
Fill	0	- 4	Loam	0	- 2		
Hard clay; boulders	4	- 11	Loose, fine sand, yellow	2	- 4.5		
Hardpan	11	- 23	Coarse sand and gravel	4.5	- 7		
Refusal		at 23	Fine sand, yellow	7	- 8		
			Coarse sand and gravel	8	- 19.5		
RANDOLPH W6.			Refusal on rock or boulder		at 19.5		
Sand and gravel	0	- 8					
Sand; gravel; boulders	8	- 17	ROCKLAND X4.				
Sand and gravel	17	- 30	Loam	0	- 1		
Medium sand	30	- 35	Loose, fine sand; little clay	1	- 3		
Sand and gravel	35	- 40	Compact, coarse sand and gravel.	3	- 4.5		
Fine sand; sharp gravel; clay	40	- 43	Compact, coarse sand; gravel; boulders	4.5	- 13.5		
Refusal		at 43					
			ROCKLAND X5.				
RANDOLPH W7.			Loam	0	- 1		
Sand	0	- 2	Coarse sand and gravel	1	- 6		
Hard clay, boulders	2	- 8	Fine sand, yellow	6	- 8		
Hardpan	8	- 14	Coarse sand and gravel	8	- 13		
Refusal		at 14	Compact, coarse sand and gravel	13	- 16.5		
			Refusal on rock or boulder		at 16.5		
RANDOLPH W10.							
Loam	0	- 1					
Sand and gravel	1	- 14					
Hard-packed sand; gravel; clay	14	- 43					
Hardpan	43	- 45					
Refusal		at 45					

Table 2.--Logs of selected wells and borings (Continued)

	Depth
SHARON B7.	
Very soft, leached, sandy loam, dark yellow; trace of gravel...	0 - 3.5
Medium to coarse sand, yellow; some fine gravel; fine sand; boulders.....	3.5 - 12
Firm, fine sand, yellow; some medium sand; trace of gravel...	12 - 17
Medium to fine sand, yellow; some coarse sand; trace of gravel.....	17 - 23
Very firm, coarse to medium sand, yellow; some gravel; trace of fine sand; boulders...	23 - 35
Firm, medium to fine sand, yellow; trace of fine gravel; boulders.....	35 - 40
Firm, fine to medium sand, yellow; trace of coarse sand...	40 - 46
Firm, coarse to medium sand, yellow; some gravel; trace of fine sand.....	46 - 51
Firm, coarse to very coarse sand, yellow; gravel; some medium sand.....	51 - 56
Loose, coarse to medium sand, yellow; trace of fine gravel and fine sand; boulders.....	56 - 63
Firm, medium to coarse sand, yellow; trace of fine gravel and fine sand; boulders.....	63 - 68
Firm, medium sand, yellow; some gravel; trace of clay; boulders	68 - 74
Refusal.....	at 74
SHARON R7.	
Fill; fine sand; little silt.....	0 - 3
Fine sand, brown; trace of silt..	3 - 7
Very fine sand, brown; silt; trace of cobbles.....	7 - 14
Silt, brown-gray; trace of very fine silt.....	14 - 20
Fine sand, brown; little silt....	20 - 24
Medium to coarse sand, gray; fine gravel.....	24 - 27
Medium to coarse sand, gray; trace of silt.....	27 - 31.5
SHARON R8.	
Fine sand, brown; trace of vegetation.....	0 - 2
Fine to medium sand, brown.....	2 - 15
Medium tofine sand, brown; trace of silt.....	15 - 20
Fine sand, brown; trace of silt..	20 - 26.5
SHARON R9.	
Loamy, fine sand, brown.....	0 - 3
Fine to medium sand; little fine to coarse gravel, brown.....	3 - 9
Fine sand, brown; little silt....	9 - 12
Coarse to fine sand, brown; some fine to coarse gravel.....	12 - 18
Fine to medium sand, brown.....	18 - 29
Fine to medium sand, brown; trace of silt.....	29 - 41.6
SHARON R10.	
Black peat.....	0 - 1
Fine to medium sand, brown; trace of silt and fine gravel..	1 - 7
Fine sand, brown; little silt....	7 - 13
Fine sand, brown; trace of silt..	13 - 20
SHARON R11.	
Soft, sandy loam and gravel.....	0 - 2.5
Firm, medium to fine sand and gravel, yellow; boulders.....	2.5 - 8
Firm, medium sand and gravel, yellow; some fine sand; boulders.....	8 - 13
Hard, medium to coarse sand and gravel, yellow; some fine sand.....	13 - 19
Compact, coarse to medium sand and gravel, brown-yellow.....	19 - 22
Very compact, medium to fine sand and gravel, yellow; some coarse sand.....	22 - 29
Very hard, medium to fine sand and gravel, yellow; boulders...	29 - 35
Very hard, medium sand and gravel, yellow; some fine sand; boulders.....	35 - 40
SHARON R12.	
Loam and gravel.....	0 - 2.5
Medium to fine sand and gravel, yellow; some coarse and fine sand; trace silt; boulders.....	2.5 - 8.5

	Depth
SHARON R12 (Continued).	
Medium sand and gravel, gray-yellow; some coarse and fine sand; trace silt; boulders....	8.5 - 16
Medium to coarse sand, yellow; some gravel; fine sand.....	16 - 21.5
Medium to fine sand, yellow; some coarse sand; boulders....	21.5 - 23.5
SHARON W33.	
Sand; gravel; boulders.....	0 - 10
Fine sand.....	10 - 14
Fine sand or clay.....	14 - 15
Coarse sand; small gravel.....	15 - 20
SHARON W41.	
Peat and sand.....	0 - 4
Medium sand.....	4 - 20
Loose, medium sand.....	20 - 40
Packed, coarse sand and some fine gravel.....	40 - 45
Hardpan.....	45 - 47
SHARON W58.	
Sand; gravel; boulders.....	0 - 4
Sand and gravel.....	4 - 28
Sand; gravel; boulders.....	28 - 46
Hard-packed sand; sharp gravel; trace of clay.....	46 - 50
Stopped.....	at 50
SHARON W77.	
Peat.....	0 - 3
Fine sand, brown; broken gravel; specks of clay.....	3 - 29
Fine sand and gravel, brown.....	29 - 39
Fine sand, brown.....	39 - 44
No record.....	44 - 47
Refusal.....	at 47
SHARON W78.	
Peat.....	0 - 4
Fine sand, brown; gravel.....	4 - 30
Clay, brown.....	30 - 35
No record.....	35 - 36.5
Refusal.....	at 36.5
SHARON W79.	
Peat.....	0 - 2
Fine sand, brown; broken gravel.	2 - 35
Fine to medium sand, brown; gravel.....	35 - 40
Fine sand, brown; gravel.....	40 - 50
No record.....	50 - 52
SHARON W80.	
Fine sand and gravel, brown.....	0 - 36
Fine sand, brown, with clay and very little gravel.....	36 - 51
Refusal.....	at 51.5
SHARON W81.	
Fine sand and gravel, brown.....	0 - 25
Fine sand, brown; gravel; clay..	25 - 30.5
Fine sand, brown; clay; some small gravel.....	30.5 - 50.5
Refusal.....	at 51
SHARON W82.	
Fine sand, brown; broken gravel; traces of clay.....	0 - 25
Fine sand, brown; clay.....	25 - 76
No record.....	76 - 78
Refusal.....	at 78
SHARON W89.	
Peat.....	0 - 6
Fine sand, gray; gravel.....	6 - 25
Fine sand, gray; gravel with traces of clay.....	25 - 30
Fine sand, gray changing to brown; gravel; traces of clay.	30 - 38
Refusal.....	at 38
SHARON W101.	
Fine to medium sand, brown; gravel.....	0 - 22
No record.....	22 - 23.8
Refusal.....	at 23.8
SHARON W107.	
Fine to medium sand, gray and brown; large gravel.....	0 - 27
Fine to medium sand, brown and gray; small gravel; trace of clay.....	27 - 32.7
No record.....	32.7 - 36.2

	Depth
STOUGHTON W112.	
Medium sand, brown; gravel.....	0 - 20
Medium sand, brown; large, sharp gravel.....	20 - 25
Fine to medium sand, brown; gravel.....	25 - 30
Fine to medium sand, brown.....	30 - 35
Fine to medium sand, brown; medium to coarse gravel.....	35 - 40
Fine sand, brown; coarse gravel.	40 - 45
Fine, silty sand, brown; some coarse gravel.....	45 - 50
Medium to coarse sand, brown; some gravel.....	50 - 65
No record.....	65 - 67.3
Refusal.....	at 67.3
STOUGHTON W113.	
Fine to medium sand (clay), brown, with large gravel.....	0 - 30
No record.....	30 - 33.3
Refusal.....	at 33.3
STOUGHTON W116.	
Fine sand, brown; broken gravel; clay.....	0 - 20
Silty sand; clay, brown.....	20 - 63.8
Refusal.....	at 63.8
STOUGHTON W117.	
Coarse sand, brown; gravel.....	0 - 20
Fine sand, brown.....	20 - 35
Fine to medium, silty sand, brown.....	35 - 40
Fine, silty sand, brown; clay...	40 - 68.5
STOUGHTON W118.	
Medium to coarse sand, brown; gravel with clay.....	0 - 20
Fine sand, brown.....	20 - 30
Fine to medium sand, brown.....	30 - 35
Medium to coarse sand, brown; gravel.....	35 - 45
Fine to medium sand, brown.....	45 - 50
No record.....	50 - 53.6
Refusal.....	at 53.6
STOUGHTON W132.	
Loam and peat.....	0 - 2.5
Hard-packed sand; gravel; clay; boulders.....	2.5 - 16.7
STOUGHTON W136.	
Peat and loam.....	0 - 2
Hard-packed sand; gravel; clay..	2 - 7
Hard-packed sand and gravel.....	7 - 16.5
Gravel and clay.....	16.5 - 18.1
Refusal.....	at 18.1
STOUGHTON W139.	
Sand; gravel; clay.....	0 - 17
Hard-packed sand and gravel; traces of clay.....	17 - 21.2
STOUGHTON W140.	
Loam and subsoil.....	0 - 1
Hard-packed, coarse sand and gravel.....	1 - 9
Medium sand and gravel; boulders; trace of clay.....	9 - 18.5
Medium sand and gravel; clay; boulders.....	18.5 - 22
Medium to fine sand with gravel, clay, and boulders.....	22 - 28.2
Refusal.....	at 28.2
STOUGHTON W143.	
Topsoil, very fine sand, brown..	0 - 14.8
Very fine sand, brown.....	14.8 - 39.6
Hardpan.....	39.6 - 50.1
No record.....	50.1 - 53.2
Refusal.....	at 53.2
STOUGHTON W144.	
Mud.....	0 - 2
Fine sand with stones.....	2 - 14.6
Coarse sand and gravel, brown...	14.6 - 19.8
Coarse sand and gravel; some clay, brown.....	19.8 - 25
Dirty, coarse sand and gravel, brown.....	25 - 29.9
No record.....	29.9 - 31.1
Refusal.....	at 31.1

Table 2.--Logs of selected wells and borings (Continued)

	Depth
STOUGHTON W146.	
Fine sand, brown, some stones	0 - 14.6
Very fine sand, brown	14.6 - 19.6
Sand, brown and gray; sharp gravel and stones; trace of clay	19.6 - 24.6
Medium sand, gray; sharp gravel	24.6 - 29.1
Coarse sand; gravel, brown and gray; broken stones	29.1 - 33.3
Sharp sand; gravel, gray; broken stones; clay	33.3 - 39.4
No record	39.4 - 48.7
Refusal	at 48.7
STOUGHTON W151.	
Topsoil; fine sand, brown; coarse gravel with some stones.	0 - 17.2
Coarse sand and gravel, brown, with large stones	17.2 - 22.2
Fine and coarse sand, brown, with gravel and clay	22.2 - 27.4
Fine sand; sharp gravel; stones with clay	27.4 - 32
Refusal	at 32
STOUGHTON W159.	
Topsoil	0 - 7.9
Coarse sand, brown	7.9 - 18.1
Coarse sand, brown; gravel	18.1 - 23.4
Coarse sand, brown; gravel; trace of clay	23.4 - 28.7
No record	28.7 - 42
Refusal	at 42
STOUGHTON W163.	
Coarse sand and gravel, brown	0 -- 18.5
Coarse sand and gravel, brown, with stones	18.5 - 29.8
Coarse sand and gravel, brown, with stones and clay	29.8 - 34.8
Hardpan and boulders	34.8 - 35
Refusal	at 35
STOUGHTON W170.	
Loam	0 - 1
Coarse gravel	1 - 5
Clay, brown, changing to fine sand and clay	5 - 23.5
Sand, brown; gravel; clay	23.5 - 29
Medium sand, brown; gravel	29 - 50.5
STOUGHTON W171.	
Hard-packed gravel	0 - 10
Sand; gravel; clay	10 - 14
Medium sand, brown; trace of clay	14 - 25.1
Fine sand and gravel	25.1 - 31.3
Fine to medium sand, brown; gravel	31.3 - 36.7
Sand; gravel; trace of clay	36.7 - 47.5
STOUGHTON W172.	
Loam	0 - 1
Gravel; soft clay	1 - 5
Fine sand; clay, red	5 - 21
Fine sand; clay, light gray-brown	21 - 48.5
Refusal	at 48.5
STOUGHTON W177.	
Hard-packed sand, brown; gravel; rocks	0 - 10
Fine to coarse sand, brown; gravel	10 - 17.2
Refusal	at 17.2
STOUGHTON W179.	
Sand and gravel, brown, hard-packed; clay	0 - 6.4
STOUGHTON W180.	
Fine sand; gravel; clay, brown	0 - 16.8
Refusal	at 16.8
STOUGHTON W182.	
Sand and gravel, brown, streaked with red; traces of clay	0 - 10.5
Hard-packed, sharp gravel; clay, gray	10.5 - 16.7
Refusal	at 16.7
STOUGHTON W198.	
Sand and gravel	0 - 16
Fine to medium sand and gravel	16 - 24
Medium sand and gravel	24 - 28.4
Fine to medium sand; sharp gravel	28.4 - 33.7
Refusal	at 33.7
STOUGHTON W199.	
Sand and gravel, brown	0 - 20
Sharp sand and gravel, brown	20 - 33
Sharp, small sand and gravel	33 - 39
Refusal	at 39
WALPOLE A2.	
Medium to very coarse, well-sorted sand, rusty red; some fine gravel; wet	0 - 32
Fine to coarse sand, dark brown; some gravel	32 - 47
Silt	47 - 48
Refusal on bedrock or boulder	at 48
WALPOLE A3.	
Poorly sorted sand, brown, dry	0 - 7
Fine, well-sorted sand, brown, dry	7 - 12
Very fine sand, light brown; silt; moist	12 - 17
Medium to very coarse sand, brown; fine gravel; wet	17 - 22
Fine to very coarse sand, brown; fine to coarse gravel; wet	22 - 42
Refusal in blue clay and silt	at 42
WALPOLE A4.	
Poorly sorted gravel, brown; dry	0 - 7
Poorly sorted sand, brown; gravel; dry	7 - 12
Fine, well-sorted sand, brown; dry	12 - 17
Medium to very coarse sand; some fine gravel	17 - 22
Predominantly fine sand, some coarser sand; very fine gravel, occasional coarse gravel	22 - 52
Clay; silt; tight	52 - 54
WALPOLE A5.	
Medium, very well-sorted sand, brown, some coarser sand and fine gravel; dry	0 - 17
Very fine well-sorted sand, brown; silt; wet	17 - 22
Predominantly fine sand; some medium to coarse sand; fine gravel	22 - 47
Predominantly medium to coarse sand; some fine to very coarse sand and gravel; excellent aquifer material	47 - 93
Refusal, probably till	at 93.5
WALPOLE A6.	
Silt; very fine, brown sand; dry	0 - 17
Silt; very fine to fine, brown sand	17 - 27
Silt; very fine sand to very fine gravel	27 - 33
Medium, poorly sorted sand	33 - 38
Medium to very coarse, well washed sand and fine gravel; excellent aquifer material	38 - 43
Coarse to very coarse sand; some medium sand; fine gravel.	43 - 48
Refusal on boulder	at 48
WALPOLE A7.	
Fill	0 - 2
Peat, wet	2 - 10
Silt	10 - 17
Silt, gray-blue; some clay	17 - 22
No record	22 - 24
Refusal (on boulder?)	at 24
WALPOLE A8.	
Poorly sorted, subrounded, sand and gravel, light brown, dry	0 - 15
Very fine to fine sand, occasional lenses of coarser material, dry	15 - 32
Medium to very coarse sand and gravel	32 - 58
Refusal (on boulder?)	at 58
WALPOLE W1.	
Loam	0 - 2
Compact sand, yellow; gravel; boulders	2 - 19
Fine to medium sand, yellow; gravel	19 - 33
Fine sand, yellow, sharp gravel.	33 - 42
Refusal	at 42
WALPOLE W2.	
Peat	0 - 3
Fine sand, yellow; small gravel; clay	3 - 11
Hard clay, yellow; small, sharp gravel	11 - 25
Refusal	at 25
WALPOLE W5.	
Loam	0 - 2
Sand, gray; clay, yellow; gravel, sharp; boulders	2 - 15
Compact sand; gravel; clay	15 - 21
Compact sand, yellow; clay; sharp gravel	21 - 30
Hardpan	30 - 33
Refusal	at 33
WALPOLE W8.	
Peat	0 - 2
Hard clay, gray; sharp gravel	2 - 16
Fine sand, gray; small gravel	16 - 31
Fine sand, gray; clay	31 - 37
Refusal	at 37
WALPOLE W9.	
Peat	0 - 2
Fine sand, yellow	2 - 4
Fine clay, yellow; sharp gravel.	4 - 20
Hardpan	20 - 23
Refusal	at 23
WALPOLE W15.	
Peat	0 - 6
Fine sand, yellow; gravel	6 - 18
Silty sand, yellow; small gravel	18 - 28
Silty sand, light gray; clay	28 - 45
Silty sand, yellow; gravel	45 - 54
Refusal	at 54
WALPOLE W16.	
Peat; silt; clay	0 - 8
Coarse sand and gravel	8 - 12
Fine sand, yellow; gravel; clay.	12 - 28
Medium sand, yellow; gravel; traces of clay	28 - 41
Hardpan	41 - 44
Refusal	at 44
WALPOLE W17.	
Peat	0 - 4
Fine sand, gray; small, sharp gravel	4 - 16
Fine to medium sand, yellow; sharp gravel; clay	16 - 23
Refusal	at 23
WALPOLE W24.	
Topsoil	0 - 2
Fine to medium sand; some small gravel	2 - 10
Fine sand; small gravel	10 - 18
Fine sand	18 - 30
Coarse sand	30 - 35
Medium gravel	35 - 40
Coarse gravel	40 - 53
Medium gravel	53 - 57
WALPOLE W25.	
Loam	0 - 2
Fine sand, yellow; clay	2 - 22
Fine sand, light gray; gravel; clay	22 - 29
Silty sand, yellow; clay	29 - 50
Fine sand, yellow; sharp gravel.	50 - 57
Refusal	at 57
WALPOLE W26.	
Peat	0 - 7
Peat and silt	7 - 18
Fine sand, yellow; small gravel.	18 - 31
Fine to medium sand, yellow; gravel	31 - 58
Compact, fine sand, yellow; gravel; clay	58 - 63
Refusal	at 63
WALPOLE W35.	
Fill	0 - 4
Fine sand, yellow; medium gravel; clay	4 - 26
Silty sand, yellow; clay	26 - 47
Fine sand, yellow; small gravel; clay	47 - 57
Refusal	at 57

Table 2.--Logs of selected wells and borings (Continued)

	Depth	
WALPOLE W37.		
Loam	0	- 2
Compact sand, yellow; gravel	2	- 11
Fine sand, yellow; small, sharp gravel; clay	11	- 32
Refusal		at 32
WALPOLE W38.		
Loam	0	- 2
Fine sand, yellow; clay; sharp gravel	2	- 19
Clay, yellow; sharp gravel	19	- 33
Hard clay, yellow; sharp gravel	33	- 36
Refusal		at 36
WALPOLE W39.		
Loam	0	- 2
Hard clay, yellow; sharp gravel; boulders	2	- 19
Refusal		at 19
WALPOLE W40.		
Loam	0	- 2
Hard clay, yellow; sharp gravel; some boulders	2	- 17
Refusal		at 17
WALPOLE W41.		
Peat	0	- 3
Fine, light sand; clay	3	- 21
Fine sand, yellow; small gravel; clay	21	- 32
Fine sand, yellow; clay; small, sharp gravel	32	- 53
Refusal		at 53
WALPOLE W43.		
Peat	0	- 4
Fine sand, yellow; small, sharp gravel	4	- 19
Silty sand, yellow	19	- 31
Fine sand, yellow; small, sharp gravel; trace of clay	31	- 42
Shale	42	- 44
Refusal		at 44
WALPOLE W44.		
Loam	0	- 2
Fine to medium sand, yellow; gravel	2	- 9
Fine sand, yellow; small, sharp gravel; clay	9	- 35
Fine sand, yellow; gravel; clay	35	- 51
Hard clay, yellow; sharp gravel	51	- 53
Refusal		at 53
WALPOLE W45.		
Topsoil	0	- 2
Fine sand, yellow; sharp gravel	2	- 18
Silty sand, yellow; clay	18	- 38
Fine sand, yellow; sharp gravel; trace of clay	38	- 50
Fine sand, yellow; small, sharp gravel	50	- 58
Refusal		at 58
WALPOLE W47.		
Loam	0	- 2
Fine sand, yellow; small, sharp gravel	2	- 19
Silty sand, light yellow; clay	19	- 45
Fine sand, yellow; sharp gravel; clay traces	45	- 56
Compact sand, yellow; sharp gravel; clay	56	- 61
Refusal		at 61
WALPOLE W49.		
Loam	0	- 2
Fine sand, yellow; gravel	2	- 18
Fine to medium sand, yellow; gravel	18	- 29
Fine sand, yellow; small gravel; clay	29	- 38
Refusal		at 38
WALPOLE W53.		
Peat; clay; boulders	0	- 6
Fine sand, yellow; clay	6	- 19
Compact sand, yellow; clay; small gravel	19	- 27
Refusal		at 27
WALPOLE W57.		
Fine sand, yellow; clay; boulders	0	- 8
Hard clay, yellow; sharp gravel; boulders	8	- 23
Compact, fine sand, yellow; clay	23	- 33
Refusal		at 33
WALPOLE W58.		
Loam	0	- 2
Fine sand, yellow; sharp gravel; clay	2	- 20
Fine to medium sand, yellow; gravel; clay	20	- 32
Hardpan	32	- 33
Refusal		at 33
WALPOLE W62.		
Silty sand, yellow	0	- 15
Fine sand, yellow; clay	15	- 29
Shale	29	- 37
Refusal		at 37
WALPOLE W63.		
Fine sand, yellow; streaks of silt; clay	0	- 27
Fine sand, yellow; small gravel; clay	27	- 35
Hardpan	35	- 37
Refusal		at 37
WALPOLE W65.		
Fine to medium sand, yellow; gravel	0	- 15
Fine sand, brown; gravel; clay	15	- 31
Compact sand, yellow; gravel; clay	31	- 37
Refusal		at 37
WALPOLE W66.		
Peat	0	- 2
Fine sand, yellow; gravel; boulders	2	- 7
Fine sand, yellow; small gravel; clay	7	- 21
Firm clay, yellow; sharp gravel	21	- 39
Refusal		at 39
WALPOLE W67.		
Loam	0	- 2
Hard clay, gray; sharp gravel	2	- 15
Refusal		at 15
WALPOLE W69.		
Sand and gravel fill	0	- 7
Compact sand, yellow; gravel	7	- 15
Sand, light to medium yellow; gravel	15	- 35
Fine sand, brown; gravel	35	- 45
Fine to medium sand, brown; gravel; traces of clay	45	- 63
Refusal		at 63
WALPOLE W71.		
Loam	0	- 2
Hard clay, yellow; sharp gravel; boulders	2	- 20
Fine sand, yellow; clay; gravel	20	- 25
Refusal		at 25
WALPOLE W73.		
(Log of 2½-inch well at site.)		
Loam	0	- 2
Compact sand, yellow; gravel	2	- 9
Fine sand, yellow; gravel	9	- 28
Fine sand, yellow; gravel; traces of clay	28	- 46
Refusal		at 46
WALPOLE W74.		
Loam	0	- 2
Fine sand, yellow; gravel	2	- 18
Fine sand, gray; clay	18	- 25
Fine sand, brown; gravel	25	- 35
Fine sand, yellow; gravel with streaks of clay	35	- 47
Fine sand, yellow; sharp gravel	47	- 57
Refusal		at 57
WALPOLE W77.		
Peat	0	- 8
Compact sand, gray; gravel; clay	8	- 16
Medium sand, yellow; gravel	16	- 35
Fine sand, yellow; gravel	35	- 53
Fine sand, light yellow; sharp gravel	53	- 60
Refusal		at 60
WALPOLE W79.		
Fill	0	- 8
Peat	8	- 12
Medium, dirty gravel, gray	12	- 16
Sandy clay, brown	16	- 24
Clay, brown	24	- 34
Very clean, coarse gravel, brown	34	- 50
Medium gravel, some sand	50	- 54
Clean, coarse gravel	54	- 60
Clean, medium gravel	60	- 63
WESTWOOD A1.		
Layered sand and gravel	0	- 27
Fine sand	27	- 32
Clay, blue; some silt; fine sand lenses	32	- 38
Refusal in clay		at 38
WESTWOOD A2.		
Coarse to very coarse, well-rounded, well-sorted sand, brown; fine gravel; moist	0	- 12
Fine to very coarse, well-rounded sand; fine gravel; wet	12	- 17
Medium to very coarse, well-rounded sand; fine gravel, becoming finer with depth	17	- 41
No record (difficult drilling)	41	- 49
WESTWOOD W35.		
Coarse sand and fine gravel	0	- 30
WESTWOOD W40.		
Medium to coarse sand	0	- 59
WESTWOOD W43.		
Medium to coarse sand; gravel	0	- 6
Medium sand and gravel	6	- 12
Medium sand and medium to coarse gravel	12	- 19
Fine sand and fine to medium gravel	19	- 22
Fine to medium sand, white; fine to coarse gravel; some clay	22	- 26
Fine, well-sorted sand, brown; coarse gravel	26	- 29
Fine to medium sand, brown; medium to coarse gravel	29	- 33
Coarse sand, brown; coarse gravel (large boulders)	33	- 39
Fine sand, white; large boulders	39	- 42
Medium to coarse sand, brown; coarse gravel (large boulders)	42	- 45
Coarse sand; sharp, coarse gravel	45	- 50
Coarse sand; some fine sand; coarse gravel	50	- 56.5
Refusal on boulder		at 56.5
WESTWOOD W44.		
Coarse sand	0	- 20
Sand, brown	20	- 33
Fine sand, brown	33	- 45
Clay and sand	45	- 46
WESTWOOD W45.		
Sand; some clay	0	- 38
Medium sand; gravel	38	- 45
Coarse sand; gravel	45	- 66
WESTWOOD W46.		
Peat	0	- 6.5
Fine sand, gray	6.5	- 9.5
Fine to medium sand, brown	9.5	- 11.5
Sand, gray; trace of clay	11.5	- 38.5
Sand, gray; rocks	38.5	- 64.8
WESTWOOD W47.		
Peat	0	- 6
Fine to medium sand, brown; gravel	6	- 15
Fine to medium sand, brown; large gravel	15	- 21
Medium to coarse sand, brown; large gravel	21	- 26
Fine to medium sand, brown; gravel	26	- 31
Fine sand, brown; gravel	31	- 41.5
Medium to coarse sand, brown; gravel	41.5	- 63
No record	63	- 65
WEYMOUTH A3.		
Coarse sand; gravel	0	- 14
Clay	14	- 16
Sand and gravel	16	- 18
Clay, blue	18	- 20
Refusal		at 20
WEYMOUTH B1.		
Sand; gravel; fill	0	- 4.6
Fine sand, yellow	4.6	- 8
Hard, coarse sand; gravel	8	- 15.7
Refusal		at 15.7
WEYMOUTH B2.		
Coarse gravel, brown	0	- 12.5
Rock	12.5	- 17.5

Table 2.--Logs of selected wells and borings (Continued)

	Depth
WEYMOUTH B3.	
Peat	0 - 7
Peat, fine sand	7 - 16
Silt	16 - 33
Gravel	33 - 36
Refusal	at 36
WEYMOUTH B4.	
Swamp deposits	0 - 4
Fine to medium sand, gray; some fine to medium gravel	4 - 10
Fine to medium sand, gray-brown; trace of silt; some fine to medium gravel	10 - 14
Fine sand, brown; fine gravel; trace of hardpan	14 - 16
Refusal	at 16
WEYMOUTH W2.	
Till: very fine sand and silt, gray-brown, scattered sand of other sizes and fine to medium angular gravel	0 - 32.5
WEYMOUTH W3.	
Gravel fill	0 - 2
Very fine sand, brown; scattered medium to coarse sand; silt; some fine gravel	2 - 7
Fine to coarse, moderately rounded, well-sorted gravel	7 - 17
Organic, peaty sand; gravel; silt	17 - 22
WEYMOUTH W4.	
Gravel	0 - 4
Very fine to fine, slightly rounded, very well-sorted sand, gray-brown	4 - 7.5
Fine to medium, slightly rounded, very well-sorted sand, gray-brown	7.5 - 12.5
Medium coarse, slightly rounded, very well-sorted sand, gray-brown	12.5 - 17.5
Fine to medium, slightly rounded very well-sorted sand, gray-brown	17.5 - 22.5
WEYMOUTH W18.	
Soft sand; gravel; spots of gray clay	0 - 18
Soft sand and gravel; spots of gray clay	18 - 24
Sand, gray	24 - 30
Medium sand, gray; gravel	30 - 35
Sand, gray; gravel	35 - 44
Refusal	at 44
WEYMOUTH W19.	
Soft sand; gravel; clay	0 - 19
Sand; gray gravel; spots of clay	19 - 24
Medium sand, gray	24 - 29
Sand, gray; gravel	29 - 35
Sand, some gray	35 - 44
Refusal	at 44.1
WEYMOUTH W24.	
Mud	0 - 8
Sand	8 - 15
Sharp gravel; sand	15 - 20
Sharp gravel; fine sand	20 - 28
WEYMOUTH W26.	
Peat	0 - 4
Sand; some clay	4 - 15.3
Sand and gravel; some gray clay	15.3 - 54
Refusal	at 54
WEYMOUTH W28.	
Gravel, brown; some clay	0 - 21.4
Gravel	21.4 - 26.8
Gravel, gray-brown	26.8 - 39.1
No record	39.1 - 41.6
Refusal	at 41.6
WEYMOUTH W30.	
Peat	0 - 6
Gravel	6 - 26
WEYMOUTH W32.	
Sand and clay	0 - 19.2
WEYMOUTH W33.	
Sharp gravel; sand; clay	0 - 9
WEYMOUTH W37.	
Sand; gravel	0 - 15
Medium to fine sand	15 - 21
Fine sand	21 - 26
Medium to fine sand	26 - 31
Medium to fine sand; some gravel	31 - 38
Sand; gravel	38 - 40
Medium to fine sand; some clay	40 - 51
Fine sand; clay	51 - 56
WEYMOUTH W38.	
Sand; tight gravel	0 - 19
Sand; gravel	19 - 29.8
Fine sand, gray	29.8 - 61
WEYMOUTH W39.	
Sand and gravel	0 - 10.3
Fine, silty sand	10.3 - 41
Fine, silty sand; some gravel	41 - 43
Sand, gray	43 - 45
Fine, silty sand	45 - 71.3
Fine, silty sand; some clay	71.3 - 83.4
WEYMOUTH W40.	
Sand and gravel	0 - 10.3
Sand	10.3 - 35.7
Fine, silty sand	35.7 - 49.8
WEYMOUTH W54.	
Peat	0 - 1
Fine sand and clay	1 - 20
Fine and medium sand; coarse gravel	20 - 30
Very fine sand	30 - 39.3
Refusal	at 39.3
WEYMOUTH W55.	
Very hard-packed sand and gravel	0 - 5
Fine sand and clay	5 - 20
Very fine sand, brown	20 - 33
Refusal	at 33
WEYMOUTH W56.	
Mud	0 - 3
Sand, gray; gravel	3 - 15
Fine sand	15 - 20
Fine sand; clay	20 - 31
WEYMOUTH W57.	
Peat	0 - 10
Fine sand, gray; clay; gravel	10 - 20.4
Fine sand, gray; some clay	20.4 - 26
Coarse gravel; much fine gravel, brown	26 - 32.3
Rock	at 32.3
WEYMOUTH W58.	
Peat	0 - 10
Clay; fine sand, gray; gravel	10 - 20
Gravel; fine sand, brown	20 - 29
WEYMOUTH W60.	
Mud	0 - 5
Fine sand, gray	5 - 20
Sand, brown; gravel	20 - 25
Sharp gravel, gray; sand; clay	25 - 31
WEYMOUTH W62.	
Peat	0 - 10
Fine sand; some gravel	10 - 15
Clay	15 - 38.2
Refusal (rock)	at 38.2
WEYMOUTH W64.	
Mud	0 - 8
Sharp gravel; sand	8 - 15
Sharp gravel; fine sand	15 - 23
WEYMOUTH W66.	
Very sharp sand and gravel, gray	0 - 20
Clay	20 - 53.3
WEYMOUTH W67.	
Fine sand; some gravel; clay	0 - 24.8
WEYMOUTH W69.	
Fine sand; some gravel; clay	0 - 24.6
Medium fine sand; some gravel; clay	24.6 - 30
Fine sand and clay	30 - 35.8
Refusal	at 35.8
WEYMOUTH W70.	
Peat	0 - 8
Fine sand; some gravel and clay	8 - 19
Fine sand and clay	19 - 51.5
Fine sand; sharp gravel and clay	51.5 - 68.1
No record	68.1 - 70.8
Refusal	at 70.8
WEYMOUTH W77.	
Loam	0 - 3
Fine sand, brown, with clay and gravel	3 - 35
Refusal	at 35
WEYMOUTH W78.	
Hardpan	0 - 16
WEYMOUTH W79.	
Fine sand, gray; clay; some gravel	0 - 28
Fine sand, brown; gravel	28 - 31.3
Fine sand, brown; sharp gravel	31.3 - 35.5
Silty sand, brown; sharp gravel	35.5 - 38
Refusal	at 38
WEYMOUTH W80.	
Fine sand; gravel; clay	0 - 28
Silty, fine sand; sharp gravel; clay	28 - 34.5
Refusal on rock	at 34.5
WEYMOUTH W81.	
Fine sand; clay	0 - 21.5
Sharp gravel; clay	21.5 - 29.5
Rock	at 29.5
WEYMOUTH W82.	
Clay	0 - 3
Sharp gravel; clay	3 - 18
Rock	at 18
WEYMOUTH W84.	
Sand, brown; clay	0 - 21
Sharp gravel; clay	21 - 29.5
Rock	at 29.5
WEYMOUTH W86.	
Fine sand, brown; clay	0 - 30
Coarse sand, brown; gravel	30 - 35
Clay, fine sand; some gravel	35 - 37.5
Refusal	at 37.5
WEYMOUTH W92.	
Hardpan	0 - 19
Refusal on rock	at 19
WEYMOUTH W95.	
Fine sand; clay; some gravel	0 - 20
Sharp gravel; clay	20 - 30
Rock	at 30
WEYMOUTH W97.	
Peat	0 - 4
Clay, fine, brown; sand	4 - 38
Fine sand, brown	38 - 43
Coarse gravel, brown; sand	43 - 47
Sharp gravel; fine sand	47 - 50.5
Refusal	at 50.5
WEYMOUTH W98.	
Peat	0 - 3
Clay; fine, brown sand; gravel	3 - 27
Refusal	at 27
WEYMOUTH W102.	
Peat	0 - 4
Sand; some clay	4 - 13.3
Sand and gravel	13.3 - 15.3
Sand and gravel, gray	15.3 - 50.9
Sand and gravel, tight	50.9 - 56
WEYMOUTH W104.	
Silty clay, dark brown	0 - 24
Coarse sand; gravel	24 - 40
Clay	40 - 42
Stopped, difficult drilling	at 42
WEYMOUTH W117.	
Sand, scattered gravel	0 - 12
Fine sand	12 - 20
Fine sand; clay	20 - 25
Fine to medium sand	25 - 30
Fine to medium sand; sharp gravel	30 - 36
Refusal	at 36
WEYMOUTH W123.	
Fine sand	0 - 6
Fine sand; gravel	6 - 11
Sand; gravel; broken stones	11 - 16
Coarse sand	16 - 21
Bedrock	21 - 50.3
WEYMOUTH W124.	
Coarse gravel; broken stones	0 - 24
Hardpan	24 - 29
Bedrock	29 - 34

Table 2.--Logs of selected wells and borings (Continued)

	Depth			Depth			Depth
WEYMOUTH W126.			WEYMOUTH X8.			WEYMOUTH X17.	
Loam	0	- 1	Peat, brown, damp	0	- 5	Silty sand and peat	0 - 1
Fine to coarse sand, yellow; some medium gravel; some silt	1	- 10	Soft peat, dark brown, wet	5	- 12.5	Fine to medium sand, some silt; little fine gravel	1 - 8
Fine to coarse sand, yellow; some fine to coarse gravel; some silt; wet	10	- 14	Sandy clay, gray, wet	12.5	- 15.5	WEYMOUTH X18.	
Boulders	14	- 18	Clayey, sandy gravel, brown, wet	15.5	- 22	Sandy peat	0 - 2
Granite	18	- 28	WEYMOUTH X16.			Fine to medium sand, some silt	2 - 3
WEYMOUTH W134.			Fine sand; some medium gravel; trace of silt	0	- 5	Fine to medium sand; some fine gravel and silt; gravel; boulders	3 - 8
Slightly dirty, medium sand, dark brown; fine gravel; wet	0	- 22	Fine sand; some silt; some coarse gravel	5	- 7	WEYMOUTH X19.	
Slightly dirty, medium sand, blue; fine gravel	22	- 37	Fine to coarse sand; some silt and fine gravel	7	- 10	Loam	0 - 2
Dirtier, medium sand, brown; fine gravel	37	- 46	Fine to coarse sand and silt; trace of fine gravel	10	- 20	Medium sand and gravel, brown	2 - 4
Clay, blue	46	- 47	Fine to medium sand; some silt; some fine to medium gravel	20	- 25	Fine sand, gray-brown; some fine to coarse gravel; little silt	4 - 8
Refusal (on boulder?)		at 47				Silty, fine to medium sand, brown; little fine to medium gravel	8 - 15
WEYMOUTH X7.						Refusal	at 15
Peat, dark brown, damp	0	- 5					
Soft peat, dark brown, wet	5	- 10.5					
Soft, clean clay, blue	10.5	- 19					
Clayey, gravelly sand; little brown gravel; wet	19	- 23.5					
Clayey, gravelly sand, brown, damp	23.5	- 26.5					
Clay, red; gravelly sand, damp	26.5	- 30					

TABLE 3. CHEMICAL ANALYSES OF GROUND WATER

SOURCE OF DATA: 1, U.S. GEOLOGICAL SURVEY; 2, U.S. PUBLIC HEALTH SERVICE; 3, STATE HEALTH DEPARTMENT; 4, STATE (OTHER THAN HEALTH DEPARTMENT); 5, INDUSTRIAL; 6, PRIVATE; 7, EDUCATIONAL; AND 8, OTHER.

LOCAL WELL NUMBER	DATE OF SAMPLE	TEMPERATURE (C)	SILICA (SIO2) (MG/L)	IRON (FE) (UG/L)	MANGANESE (MN) (UG/L)	CALCIUM (CA) (MG/L)	MAGNESIUM (MG) (MG/L)	SODIUM (NA) (MG/L)	POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	SULFATE (SO4) (MG/L)	CHLORIDE (CL) (MG/L)	FLUORIDE (F) (MG/L)	NITRATE (NO3) (MG/L)	DISSOLVED SOLIDS (CALC)	DISSOLVED SOLIDS (RESIDUE AT 180 C)	HARDNESS (CA, MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	ALKALINITY AS CACO3 (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR	SOURCE OF DATA
BRAINTREE																								
W 1	06-10-59	17.0	5.6	40	60	13	3.0	5.7	2.1	16	0	22	11	.2	7.6	--	88	45	32	--	138	7.0	2	1
W 167	12- -63	--	--	90	50	--	--	--	--	--	--	--	6.8	--	.0	--	--	70	--	91	--	8.0	1	6
W 168	04-23-64	--	--	4400	60	--	--	--	--	--	--	--	8.5	--	.2	--	--	73	--	84	--	9.0	3	6
CANTON																								
A 4	10-31-67	13.0	11	40	210	8.4	2.7	7.1	1.0	28	0	20	8.9	.1	1.9	75	86	32	9	--	128	6.9	3	1
A 8	11-01-67	--	22	180	60	8.8	5.1	11	1.0	56	0	8.4	8.2	.2	4.6	97	92	43	0	--	145	7.4	--	1
A 12	11-01-67	--	11	10	220	7.0	2.0	11	2.1	34	0	15	7.2	.2	.1	73	--	26	0	--	128	7.3	2	1
W 1	10-31-67	--	5.0	60	40	13	3.4	15	1.0	9	0	26	32	--	--	--	155	48	35	--	195	6.0	10	3
W 1	07-22-68	--	--	20	20	--	--	--	--	--	--	--	41	--	2.8	--	--	44	--	20	--	6.0	15	3
W 15	11-18-67	--	--	80	--	--	--	--	--	--	--	--	5.7	--	--	--	--	14	--	--	--	--	--	6
W 16	10-16-62	--	--	20	0	--	--	--	--	--	--	--	11	--	.1	--	--	50	--	27	--	6.5	1	6
W 17	06-19-64	--	--	50	0	--	--	--	--	--	--	--	10	--	2.0	--	--	38	--	28	--	6.5	1	6
W 66	07-22-68	--	--	0	20	--	--	--	--	--	--	--	21	--	2.0	--	--	66	--	30	--	6.3	0	3
W 66	01-21-69	--	10	0	20	18	6.3	5.0	.2	18	0	37	22	--	13	--	167	72	0	--	189	6.3	55	3
W 68	11-18-67	--	--	80	0	--	--	--	--	--	--	--	5.7	--	.2	--	--	14	--	13	--	6.2	0	6
W 75	07-22-68	--	--	750	2300	--	--	--	--	--	--	--	16	--	.5	--	--	98	--	66	--	6.7	30	3
DEDHAM																								
W 14	06-10-59	16.5	17	50	110	7.2	3.4	5.5	.6	42	0	.4	4.6	.2	2.1	62	61	32	0	--	88	7.3	4	1
W 264	11-21-52	11.0	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	64	--	54	--	7.2	5	6
FOXBOROUGH																								
W 9	07-29-68	--	--	10	60	--	--	--	--	--	--	--	16	--	2.0	--	--	44	--	18	--	6.2	0	3
W 9	08-17-70	--	8.	30	140	14	1.5	8.0	1.0	9	0	9.	18	.1	8.4	--	91	42	0	--	120	6.0	3	3
W 10	07-29-68	--	--	30	160	--	--	--	--	--	--	--	14	--	2.0	--	--	38	--	19	--	6.1	0	3
W 11	07-29-68	--	--	240	1400	--	--	--	--	--	--	--	10	--	.4	--	--	38	--	28	--	6.2	10	3
HINGHAM																								
W 72	09-14-67	--	12	10	160	11	3.0	12	.9	24	0	14	28	.1	.2	93	102	40	20	--	168	6.7	0	1
HOLBROOK																								
W 22	09-26-68	--	--	0	1100	--	--	--	--	--	--	--	--	--	3.0	--	--	--	--	--	--	--	--	3
W 46	04-10-68	--	--	240	40	--	--	--	--	--	--	--	17	--	4.0	--	--	46	--	21	--	6.2	5	3
W 209	04-15-68	--	--	10	60	--	--	--	--	--	--	--	11	--	1.4	--	--	62	--	47	--	6.7	0	3
MEDFIELD																								
A 1	11-09-67	--	12	20	80	6.1	1.6	6.0	.4	12	0	21	5.4	.1	.0	58	52	22	12	--	88	6.6	--	1
W 125	8- 5-68	--	--	0	40	--	--	--	--	--	--	--	8.0	--	2.2	--	--	38	--	38	--	8.1	0	3
W 126	09-15-67	15.0	12	0	20	6.2	1.6	19	2.7	16	0	13	27	.1	3.8	93	97	22	9	--	159	6.5	2	1
W 127	09-18-67	17.0	7.5	0	20	8.8	.9	8.6	7.0	21	0	21	10	.1	6.6	80	85	26	8	--	130	7.0	0	1

TABLE 3. CHEMICAL ANALYSES OF GROUND WATER--CONTINUED

LOCAL WELL NUMBER	DATE OF SAMPLE	TEMPERATURE (C)	SILICA (SIO2) (MG/L)	IRON (FE) (UG/L)	MANGANESE (MN) (UG/L)	CALCIUM (CA) (MG/L)	MAGNESIUM (MG) (MG/L)	SODIUM (NA) (MG/L)	POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	SULFATE (SO4) (MG/L)	CHLORIDE (CL) (MG/L)	FLUORIDE (F) (MG/L)	NITRATE (NO3) (MG/L)	DISSOLVED SOLIDS (CALC)	DISSOLVED SOLIDS (RESIDUE AT 180 C)	HARDNESS (CA, MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	ALKALINITY AS CACO3 (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR	SOURCE OF DATA
										NORWOOD														
W 4	05-29-39	--	--	120	--	--	--	--	--	--	--	--	12	--	6.0	--	244	73	--	--	--	--	30	8
W 16	- -39	--	--	200	--	--	--	--	--	--	--	--	8.	--	.1	--	114	37	--	--	--	--	7	8
W 20	- -37	--	--	1400	--	--	--	--	--	--	--	--	6.2	--	.1	--	129	39	--	16	--	5.9	28	8
W 21	04-26-44	10.0	--	80	20	--	--	--	--	--	--	--	7.0	--	1.2	--	--	35	--	39	--	6.5	3	8
W 41	03-09-68	--	--	560	40	--	--	--	--	--	--	--	150	--	3.6	--	--	192	--	24	--	6.0	0	3
W 42	03-09-69	--	--	4000	40	--	--	--	--	--	--	--	76	--	3.0	--	--	120	--	23	--	6.5	12	3
W 45	01- -56	--	--	100	0	--	--	--	--	--	--	--	23	--	16	--	173	34	--	--	--	6.4	0	6
W 46	- -67	--	--	190	0	--	--	--	--	--	--	--	16	--	.6	--	--	54	--	37	--	6.6	2	6
										ROCKLAND														
A 1	11-10-67	--	7.8	10	120	1.8	.9	6.3	1.4	6	0	12	5.0	.0	.4	39	32	8	3	--	57	6.2	2	1
										SHARON														
W 2	05-07-41	--	--	350	--	--	--	--	--	--	--	--	6.0	--	.1	--	34	--	--	7	--	5.3	2	3
W 7	07-21-48	--	--	320	--	--	--	--	--	--	--	--	4.4	--	.2	--	--	--	--	11	--	5.9	10	3
W 9	05-25-48	--	--	40	--	--	--	--	--	--	--	--	7.8	--	1.5	--	--	--	--	12	--	5.7	3	3
W 19	08-05-41	13.5	--	80	--	--	--	--	--	--	--	--	3.6	--	.5	--	39	--	--	9	--	6.4	2	3
W 20	08-15-38	--	--	100	--	--	--	--	--	--	--	--	4.8	--	0.5	--	57	--	--	16	--	5.8	2	3
W 21	08-15-38	--	--	120	--	--	--	--	--	--	--	--	6.0	--	0.9	--	70	--	--	16	--	5.7	4	3
W 22	12-06-51	--	--	760	--	--	--	--	--	--	--	--	7.6	--	--	--	--	29	--	34	--	6.5	3	3
W 41	09-15-65	--	9.0	650	300	11	6.3	11	1.0	21	0	21	15	.0	1.4	--	110	54	19	--	50	6.8	25	3
W 41	08-19-68	--	--	40	220	--	--	--	--	--	--	--	16	--	1.4	--	--	56	--	32	--	6.3	5	3
W 49	09-15-65	--	10	650	300	11	6.3	8.0	1.0	22	0	6.0	15	.0	1.3	--	113	54	21	--	52	6.7	25	3
W 49	08-19-68	--	--	20	20	--	--	--	--	--	--	--	33	--	3.5	--	--	72	--	47	--	6.5	0	3
W 50	12-06-51	--	--	100	0	--	--	--	--	--	--	--	22	--	--	--	--	76	--	61	--	6.5	2	3
W 122	10-30-67	--	5.0	80	20	14	2.4	10	.7	20	0	17	12	--	2.8	--	110	46	14	--	145	6.7	5	3
W 122	08-19-69	--	--	250	40	--	--	--	--	--	--	--	15	--	2.0	--	--	46	--	33	--	6.3	5	3
										STOUGHTON														
W 97	02-27-67	--	13	30	0	14	3.4	9.6	.6	13	0	16	17	.1	15	--	95	50	20	--	140	6.7	5	3
W 97	08-19-68	--	--	0	20	--	--	--	--	--	--	--	22	--	2.5	--	--	46	--	23	--	6.2	0	3
W 98	02-27-67	--	12	320	0	12	3.9	8.4	.6	12	0	15	14	.1	12	--	88	48	28	--	110	6.6	5	3
W 98	08-19-68	--	--	280	20	--	--	--	--	--	--	--	15	--	2.3	--	--	30	--	15	--	6.0	12	3
W 99	10-31-67	--	10	10	40	16	4.9	23	1.6	10	0	29	43	--	19	--	195	62	45	--	260	6.0	--	3
W 99	07-22-68	--	--	20	40	--	--	--	--	--	--	--	37	--	3.0	--	--	50	--	20	--	6.0	30	3
W 100	07-22-68	--	--	20	80	--	--	--	--	--	--	--	26	--	1.2	--	--	44	--	18	--	6.0	10	3
										WALPOLE														
A 8	11-09-67	--	19	--	--	7.8	1.7	12	1.5	18	0	25	12	.1	.0	87	81	26	12	--	131	6.9	1	1
W 24	03-22-65	--	--	000	--	--	--	--	--	--	--	--	8.0	--	--	--	--	28	--	10	--	6.3	7	6
W 45	04-18-66	--	--	--	--	--	--	--	--	--	--	--	27	--	--	--	--	44	--	18	--	6.5	2	6
W 58	04-22-65	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	24	--	10	--	6.3	3	6
W 73	07-11-65	--	--	--	--	--	--	--	--	--	--	--	10	--	--	--	--	17	--	16	--	6.4	0	6
W 83	06-30-36	--	--	1400	--	--	--	--	--	--	--	--	9.1	--	2.4	--	103	--	--	25	--	6.4	20	3
W 84	04-26-43	--	--	320	150	--	--	--	--	--	--	--	11	--	.3	--	--	--	--	12	--	6.7	7	3
W 87	05-15-55	--	9.0	20	10	9.0	2.4	5.0	.7	9	0	14	6.4	.1	4.0	--	78	30	15	--	75	6.5	8	3
W 87	10-08-68	--	--	170	640	--	--	--	--	--	--	--	12	--	2.0	--	--	50	--	17	--	6.1	10	3
W 88	10-08-68	--	--	170	580	--	--	--	--	--	--	--	43	--	1.5	--	--	150	--	39	--	6.2	7	3
W 88	03-11-69	--	10	40	260	16	4.8	19	1.3	22	0	15	53	.0	5.8	--	198	60	0	--	250	6.4	0	3

TABLE 3. CHEMICAL ANALYSES OF GROUND WATER--CONTINUED

LOCAL WELL NUMBER	DATE OF SAMPLE	TEMPERATURE (C)	SILICA (SIO2) (MG/L)	IRON (FE) (UG/L)	MANGANESE (MN) (UG/L)	CALCIUM (CA) (MG/L)	MAGNESIUM (MG) (MG/L)	SODIUM (NA) (MG/L)	POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	SULFATE (SO4) (MG/L)	CHLORIDE (CL) (MG/L)	FLUORIDE (F) (MG/L)	NITRATE (NO3) (MG/L)	DISSOLVED SOLIDS (CALC)	DISSOLVED SOLIDS (RESIDUE AT 180 C)	HARDNESS (CA, MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	ALKALINITY AS CACO3 (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH	COLOR	SOURCE OF DATA
											WESTWOOD													
A 2	11-06-67	--	22	--	--	127	26	1530	29	102	0	98	2400	.2	.2	4270	4510	424	341	--	7780	7.5	2	1
W 40	- -49	--	--	50	0	--	--	--	--	--	--	--	11	--	1.4	--	--	20	--	10	--	5.9	0	6
W 45	04-23-68	--	--	20	20	--	--	--	--	--	--	--	25	--	1.0	--	--	49	--	32	--	6.3	5	3
											WEYMOUTH													
W 3	12-30-64	9.0	--	--	--	--	--	--	--	--	--	--	69	--	--	--	--	--	--	--	418	6.7	--	1
W 3	04-14-65	9.5	--	--	--	--	--	--	--	--	--	--	117	--	--	--	--	--	--	--	528	6.6	--	1
W 3	05-18-65	11.5	--	--	--	--	--	--	--	--	--	--	88	--	--	--	--	--	--	--	459	6.1	--	1
W 3	06-14-65	9.5	--	--	--	--	--	--	--	--	--	--	62	--	--	--	--	--	--	--	432	7.1	--	1
W 3	07-19-65	10.0	--	--	--	--	--	--	--	--	--	--	102	--	--	--	--	--	--	--	571	6.5	--	1
W 3	08-17-65	10.0	--	--	--	--	--	--	--	--	--	--	115	--	--	--	--	--	--	--	730	7.2	--	1
W 4	12-30-64	9.0	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	116	6.9	--	1
W 4	04-14-65	11.0	--	--	--	--	--	--	--	--	--	--	47	--	--	--	--	--	--	--	240	6.5	--	1
W 4	05-19-64	9.5	--	--	--	--	--	--	--	--	--	--	25	--	--	--	--	--	--	--	152	7.3	--	1
W 4	06-14-65	9.0	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	115	7.3	--	1
W 4	07-19-65	10.0	--	--	--	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--	212	6.9	--	1
W 4	09-03-65	11.0	--	--	--	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	200	6.9	--	1
W 100	05-14-64	--	--	0	920	--	--	--	--	--	--	21	35	.0	1.5	--	252	79	--	107	--	7.6	5	3
W 100	03-26-68	--	--	250	1000	--	--	--	--	--	--	--	43	--	.1	--	--	53	--	117	--	6.7	12	3
W 101	05-14-64	--	--	000	780	--	--	--	--	--	--	25	125	.0	5.3	--	413	96	--	119	--	7.3	10	3
W 101	03-26-68	--	--	20	40	--	--	--	--	--	--	--	110	--	6.6	--	--	68	--	68	--	6.3	0	3
W 103	05-11-64	--	--	000	0	--	--	--	--	--	--	12	28	.0	0.0	--	110	34	--	43	--	7.3	5	3
W 103	03-26-68	--	--	80	40	--	--	--	--	--	--	--	40	--	.5	--	--	53	--	56	--	6.6	2	3
W 117	11-17-55	--	--	60	0	--	--	--	--	--	--	--	--	--	--	--	--	15	--	--	--	5.9?	--	6

Table 4.--Stream sites and discharge measurements

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		NEPONSET RIVER BASIN			
1	Neponset River	Lat 42°05'08", long 71°15'25", at North St., 1.5 miles north of Foxborough.	1.92	10- 6-66	0.40
				5- 1-67	1.14
				8-17-67	5.37
				8-21-67	3.98
				9- 6-67	7.52
				9-20-67	4.67
2	Neponset River	Lat 42°07'28", long 71°15'10", at South St., 1.5 miles north of South Walpole.	7.62	10- 6-66	2.40
				5- 1-67	13.8
				9-20-67	5.65
3	School Meadow Brook (01104830)	Lat 42°07'32", long 71°14'47", at Washington St., 1.5 miles south of Walpole.	2.80	8-16-66	.11
				9-12-66	.06
				10- 6-66	.66
				5- 1-67	5.94
				8-17-67	1.57
				8-21-67	1.06
				9- 6-67	.96
				9-20-67	.64
4	Neponset River (01104840)	Lat 42°08'28", long 71°15'25", at Main St., Walpole.	11.5	10- 6-66	2.74
				12-19-66	8.19
				1-25-67	10.6
				3-23-67	23.9
				5- 2-67	21.2
				6- 7-67	19.7
				7- 6-67	19.4
				8-10-67	15.5
				8-17-67	8.82
				8-21-67	7.45
				9- 6-67	11.5
				9-20-67	5.96
				10-12-67	7.15
5	Mine Brook	Lat 42°10'58", long 71°16'58", at Philip St., 1.25 miles east of Medfield.	3.54	6-30-67	6.00
				7-11-67	3.70
				7-26-67	2.85
				8- 2-67	1.99
				8-17-67	1.77
				8-21-67	1.28
				9- 6-67	1.48
				9-20-67	1.12
				10-16-67	1.51
				11-29-67	2.79
				12-21-67	5.10
				3-19-68	133
				4-23-68	5.43
				5-21-68	7.10
				7- 2-68	5.35
				7-18-68	2.24
				8-19-68	.43
				9-24-68	.41
				10-18-68	.41
6	Mine Brook (01104850)	Lat 42°09'14", long 71°15'52", at inlet to Turner Pond, .75 mile northwest of Walpole. Gaging station data available for period June 27, 1967, to July 31, 1968 (see U.S. Geological Survey, 1968).	5.98	8-16-66	.81
				9-12-66	.79
				10- 6-66	1.28
				5- 1-67	19.7
				8-19-68	.26
				8-20-68	.18
				8-22-68	.03
				8-27-68	0
				9-20-68	trace
				9-24-68	trace
				10-17-68	0
7	Spring Brook (01104860)	Lat 42°08'47", long 71°14'59", 200 feet below outlet of Memorial Pond, at Walpole.	1.84	8-16-66	.58
				9-12-66	.96
				5- 1-67	2.77
				8-17-67	1.47
				8-21-67	.79
				9- 6-67	1.68
				9-20-67	.98
8	Neponset River tributary (01104880)	Lat 42°09'55", long 71°14'54", at Gould St., 1.33 miles north of Walpole.	1.51	8-16-66	0
				9-12-66	0
				9-14-66	0
				5- 2-67	2.74
				8-17-67	.17
				8-21-67	.16
				9- 7-67	.11
				9- 8-67	.11
				9-20-67	.02

Table 4.--Stream sites and discharge measurements (Continued)

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		NEPONSET RIVER BASIN (Continued)			
9	Neponset River	Lat 42°09'47", long 71°12'56", at Washington St., East Walpole.	25.2	--	(a)
10	Mill Brook (01104905)	Lat 42°11'22", long 71°14'24", 500 feet above inlet to Pettee Pond, 2 miles southwest of Westwood.	2.27	8-16-66	0.44
				9-12-66	.29
				5- 2-67	6.10
				8-17-67	1.51
				8-21-67	1.15
				9- 6-67	1.30
				9- 8-67	.86
				9-20-67	.81
				9-23-68	.48
11	Bubbling Brook (01104910)	Lat 42°12'04", long 71°15'01", at North St., 1.5 miles southwest of Westwood.	.21	8-16-66	.03
				9-12-66	0
				5- 2-67	.40
				8-17-67	.07
				8-21-67	.08
				9- 6-67	.06
				9-20-67	.05
				9-23-68	.02
12	Bubbling Brook tributary (01104915)	Lat 42°11'30", long 71°14'59", at North St., 3 miles north of Walpole.	.75	8-16-66	b.02
				9-12-66	b.05
				5- 2-67	1.89
				8-17-67	.30
				8-21-67	.20
				9- 7-67	.18
				9-20-67	.10
				9-23-68	.03
13	Bubbling Brook	Lat 42°11'19", long 71°14'32", 100 feet above inlet to Pettee Pond, 2 miles southwest of Westwood.	--	9- 8-67	.27
				9-20-67	.09
				9-23-68	trace
14	Willett Pond outlet (head of Hawes Brook) (01104940)	Lat 42°10'50", long 71°14'00", at outlet of Willett Pond, 2 miles southwest of Norwood.	4.90	9-28-66	6.98
15	Germany Brook (01104960)	Lat 42°11'04", long 71°13'29", 100 feet above culvert on Nichols St., 1.3 miles west of Norwood.	2.36	8-16-66	.17
				9-12-66	.14
				9-28-66	.34
				12-19-66	1.26
				1-25-67	1.90
				3-23-67	3.84
				5- 2-67	5.17
				6- 7-67	2.60
				7- 7-67	1.79
				8-11-67	.30
				8-17-67	.56
				8-21-67	.41
				9- 6-67	.43
				9-20-67	.32
				9-24-68	.20
16	Hawes Brook (01104980)	Lat 42°10'26", long 71°12'31", at Washington St., Norwood.	8.65	10- 6-66	.74
				12-19-66	2.68
				1-25-67	3.98
				3-23-67	21.8
				6- 7-67	11.7
				7- 7-67	11.6
				8-11-67	6.41
				10-12-67	2.76
17	Neponset River (01105000)	Lat 42°10'39", long 71°12'05", 200 feet above bridge on Pleasant St., Norwood. Gaging station data available since 1939. (See U.S. Geological Survey, 1954, 1964, 1966-73, and 1969.)	35.2		
18	Traphole Brook (01105100)	Lat 42°09'36", long 71°11'47", at Sumner St., 2.25 miles south of Norwood.	3.39	7-29-59	4.18
				8-18-59	2.81
				9-14-59	1.82
				9-22-59	2.09
				7-13-60	1.64
				8-30-60	1.88
				8-16-66	.97
				9-13-66	.92
				10- 6-66	1.56
				5- 2-67	6.68
				7- 1-67	3.29
				7-26-67	3.01

Table 4.--Stream sites and discharge measurements (Continued)

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		NEPONSET RIVER BASIN (Continued)			
18	Traphole Brook (01105100).--Continued			8-17-67	2.02
				8-22-67	2.39
				9- 7-67	1.94
				9-21-67	1.62
				11-29-67	3.08
				3-19-68	46.8
				7- 2-68	3.49
				7-30-68	1.60
				9-17-68	1.20
				9-24-68	1.34
19	Neponset River tributary no. 2 (01105150)	Lat 42°08'52", long 71°10'48", at Edge Hill Rd., 1.75 miles north of Sharon.	0.38	8-16-66	trace
				9-13-66	trace
				5- 2-67	1.18
				8-18-67	.14
				8-23-67	.12
				9- 7-67	.12
				9-21-67	.06
				7-30-68	.05
				9-17-68	[b].01
20	Massapoag Brook	Lat 42°06'53", long 71°10'19", at Ames St., Sharon.	4.25	10- 6-66	1.73
				8-18-67	3.62
				8-23-67	1.44
				9- 8-67	2.76
				9-21-67	.73
21	Massapoag Brook	Lat 42°08'12", long 72°09'59", at State Highway 27, 1 mile northeast of Sharon.	6.32	8-16-66	.76
				9-13-66	1.08
				8-18-67	3.60
				8-23-67	2.77
				9- 8-67	2.66
				9-21-67	1.63
22	Beaver Brook (01105255)	Lat 42°07'59", long 71°10'41", at Maskwonicut St., 0.75 mile north of Sharon.	2.45	8-16-66	.59
				9-13-66	.59
				5- 2-67	8.67
				8-18-67	2.67
				8-22-67	2.31
				9- 7-67	1.88
				9-21-67	1.52
				9-23-68	1.31
23	Steep Hill Brook (01105300)	Lat 42°08'39", long 71°08'14", at Bailey St., 1 mile southeast of Canton.	6.66	9-13-66	2.13
				10- 6-66	4.42
				7-12-67	9.16
				8- 2-67	8.46
				8-18-67	7.77
				8-23-67	5.99
				9- 7-67	5.91
				9-21-67	5.34
				9-23-68	5.54
24	Redwing Brook (01105350)	Lat 42°08'59", long 71°07'36", at Pleasant St., 1 mile east of Canton.	2.45	9-13-66	.91
				10- 7-66	1.16
				5- 2-67	6.17
				8-18-67	.87
				8-23-67	.22
				9- 7-67	.66
				9-21-67	.18
25	Pequid Brook (01105400)	Lat 42°10'29", long 71°06'45", at State Highway 138, 2 miles northeast of Canton.	4.54	9-13-66	.73
				5- 2-67	10.9
				8-18-67	1.37
				8-22-67	1.03
				9- 7-67	1.60
				9-21-67	.20
				9-20-68	trace
26	Pequid Brook	Lat 42°10'03", long 71°08'04", at Pleasant St., 1 mile northeast of Canton.	6.24	8-15-66	1.79
				9-14-66	1.48
				10- 7-66	1.55
				5- 2-67	12.8
27	East Branch Neponset River (01105500)	Lat 42°09'16", long 71°08'47", 100 feet below bridge on Washington St., Canton. Gaging station data available since October 1952. (See U.S. Geological Survey 1954, 1964, 1966-73, and 1969.)	27.2		

Table 4.--Stream sites and discharge measurements

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		NEPONSET RIVER BASIN (Continued)			
28	Purgatory Brook	Lat 42°12'54", long 71°11'24", at U.S. Highway 1A, at Islington.	1.24	7-29-59	2.03
				8-18-59	.27
				9-14-59	.07
				7-13-60	.08
				8-30-60	.01
29	Purgatory Brook (01105530)	Lat 42°12'33", long 71°11'06", at U.S. Highway 1, 1.5 miles northeast of Norwood.	2.91	8-16-66	.42
				9-12-66	.31
				9-28-66	.18
				5- 2-67	6.41
				8-18-67	.89
				8-22-67	.76
				9- 7-67	.71
				9-21-67	.40
				7-30-68	.85
				9-17-68	.64
30	Plantingfield Brook (01105545)	Lat 42°12'19", long 71°11'48", at State Highway 1A, 0.75 mile north of Norwood.	1.02	8-16-66	[b].02
				9-12-66	[b].05
				5- 2-67	1.04
				8-18-67	.05
				8-22-67	.04
				9- 7-67	.07
				9-21-67	[b].01
				7-30-68	.10
				9-17-68	.02
31	Neponset River	Lat 42°11'49", long 71°09'19", at Dedham St., 3 miles north of Canton.	82.1	7-30-68	32.3
				9-17-68	32.0
32	Pecunit Brook (01105552)	Lat 42°11'21", long 71°08'40", at Elm St., 2 miles north of Canton.	.79	8-15-66	0
				9-13-66	0
				5- 2-67	[b].03
				8-18-67	[b].006
				8-23-67	[b].003
				9- 7-67	[b].013
				9-21-67	[b].001
				7-30-68	[b].05
				9-17-68	[b].03
33	Ponkapog Brook (01105554)	Lat 42°12'12", long 71°08'09", at Elm St., 3 miles north of Canton.	3.78	8-15-66	1.21
				9-13-66	.92
				10- 7-66	2.32
				5- 2-67	7.67
				8-18-67	2.44
				8-22-67	2.38
				9- 7-67	2.16
				9-21-67	2.93
				7-30-68	4.29
				9-17-68	2.25
34	Neponset River (01105556)	Lat 42°12'33", long 71°08'47", at Greenlodge St., 3 miles southeast of Dedham.	88.5	--	(a)
35	Neponset River	Lat 42°14'04", long 71°07'23", at Neponset Valley Parkway, 3 miles southwest of Milton.	93.2	7-30-68	35.2
				9-17-68	31.8
		WEYMOUTH FORE RIVER BASIN			
36	Norroway Brook (01105559)	Lat 42°11'04", long 71°03'08", at Oak St., 1 mile south of North Randolph.	1.57	8-16-66	0
				9-12-66	0
				5- 1-67	2.22
				8-17-67	.35
				8-21-67	.28
				9- 6-67	.35
				9-20-67	.15
				9-20-68	.08
37	Farm River	Lat 42°12'30", long 71°02'27", at West St., 0.33 mile below Great Pond Reservoir outlet, 2.25 miles southwest of Braintree.	9.04	8-16-66	.09
				9-12-66	[b].03
				5- 1-67	15.9
38	Farm River (01105562)	Lat 42°11'55", long 71°01'29", at Pond St., 1.25 miles southwest of South Braintree.	10.1	8-18-67	2.30
				8-21-67	1.66
				9- 6-67	2.34
				9-20-67	.87
				9-20-68	.84

Table 4.--Stream sites and discharge measurements (Continued)

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		WEYMOUTH FORE RIVER BASIN (Continued)			
39	Trout Brook	Lat 42°08'08", long 71°00'44", 0.5 mile above inlet to Lake Holbrook, 1.33 miles south of Holbrook.	.95	9-12-66 5- 2-67	.14 2.18
40	Trout Brook (01105565)	Lat 42°08'25", long 71°00'50", 0.2 mile above inlet to Lake Holbrook, 1 mile south of Holbrook.	1.12	8-16-66 8-21-67 9- 6-67 9-20-67	b.03 .13 .18 .04
41	Cochato River tributary (01105567)	Lat 42°08'40", long 71°01'27", at South St., 1 mile southwest of Holbrook.	.89	8-16-66 9-12-66 5- 2-67 8-17-67 8-21-67 9- 6-67 9-20-67	0 0 1.95 0 0 0 0
42	Mary Lee Brook	Lat 42°09'39", long 71°01'44", at Mill St., 0.66 mile east of Randolph.	1.38	5- 1-67 8-17-67 8-21-67 9- 6-67 9-20-67 9-20-68	3.51 .62 .46 .34 .12 .18
43	Glovers Brook (01105571)	Lat 42°10'09", long 71°02'12", at North St., 0.5 mile northeast of Randolph.	2.50	8-16-66 9-12-66 5- 1-67 8-17-67 8-21-67 9- 6-67 9-20-67 9-20-68	.22 .20 4.66 .81 .50 .82 .26 .10
44	Tumbling Brook (01105573)	Lat 42°09'59", long 71°01'13", at Center St., 1 mile northwest of Holbrook.	.93	8-16-66 5- 2-67 8-21-67 9- 6-67 9-20-67	0 b.04 0 0 0
45	Cochato River (01105574)	Lat 42°10'49", long 71°01'14", at railway culvert, 1,700 feet above Cranberry Brook, 0.5 mile northwest of Braintree Highlands.	10.2	--	(a)
46	Cranberry Brook (01105575)	Lat 42°11'02", long 71°00'42", at Washington St., 0.5 mile north of Braintree Highlands.	1.72	8-16-66 9-12-66 10- 7-66 12-20-66 1-26-67 3-10-67 5- 2-67 5-25-67 7-12-67 8-10-67 8-17-67 8-21-67 9- 6-67 9-20-67 10-11-67 9-20-68	.06 .08 .33 1.96 2.67 8.68 3.87 23.2 .98 .84 .16 .27 .21 .06 .23 b.01
47	Sunset Lake Outlet	Lat 42°12'00", long 71°00'56", at Pond St., 0.75 mile southwest of South Braintree.	.51	8-16-66 9-12-66 5- 1-67 8-18-67 8-21-67 9- 6-67 9-20-67	.02 .05 .85 .04 .03 .02 .02
48	Monatiquot River (01105580)	Lat 42°11'51", long 71°00'31", at Jefferson St., South Braintree.	24.7	10- 7-66 12-20-66 1-26-67 3-10-67 5- 1-67 5-25-67 7-12-67 8-10-67 8-17-67 8-21-67 9- 6-67 9-20-67 10-11-67	6.08 19.2 37.5 110 53.5 36.7 19.7 12.5 7.94 4.81 7.22 1.35 7.73

Table 4.--Stream sites and discharge measurements (Continued)

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
		WEYMOUTH FORE RIVER BASIN (Continued)			
49	Monatiquot River	Lat 42°13'25", long 70°59'49", at Middle St., Braintree.	27.5	8-18-67	11.3
				8-21-67	7.36
				9- 6-67	8.95
				9-20-67	4.26
		WEYMOUTH BACK RIVER BASIN			
50	Mill River	Lat 42°11'35", long 70°57'35", at Front St., 1.33 miles north of South Weymouth.	5.77	8-16-66	.06
				9-13-66	.27
				10- 7-66	.67
				5- 2-67	9.67
				8-18-67	.84
				8-22-67	.49
				9- 7-67	.38
				9-21-67	.15
51	Mill River	Lat 42°12'02", long 70°56'48", at Middle St., 1.5 miles south of Weymouth.	6.30	9-13-66	0
				5- 2-67	10.4
				8-18-67	.68
				8-22-67	.25
				9- 7-67	.20
				9- 8-67	.11
				9-21-67	0
52	Old Swamp River (01105594)	Lat 42°08'59", long 70°55'10", at Forest St., Rockland.	.22	7-12-67	.27
				8- 2-67	.23
				8-18-67	.12
				8-22-67	.10
				9- 7-67	.08
				9-21-67	.02
				10-16-67	.17
				12-22-67	.41
				7-31-68	.07
				9-16-68	.02
				9-24-68	.01
54	Old Swamp River	Lat 42°10'40", long 70°56'06", at Ralph Talbot St., South Weymouth.	3.24	7-12-67	2.28
				8- 2-67	2.29
				10-16-67	1.14
				12-22-67	4.14
				7-31-68	.26
				9-16-68	.38
				9-24-68	.14
55	Old Swamp River	Lat 42°10'57", long 70°56'08", at Pine St., 1 mile northeast of South Weymouth.	[c]3.57	7-28-59	3.26
				8-17-59	.63
				9-15-59	.65
				9-22-59	.45
				7-13-60	.36
				8-30-60	.28
56	Old Swamp River (01105598)	Lat 42°11'13", long 70°56'02", at Pleasant St., 1.25 miles northeast of South Weymouth.	3.65	9-12-66	2.41
				10- 7-66	2.01
				8-22-67	1.01
				9- 7-67	1.38
				9-21-67	.29
57	Old Swamp River	Lat 42°11'25", long 70°56'43", between divided lanes of State Highway 3 and 128, 1.2 miles north of South Weymouth. Gaging station data available since May 1966 (see U.S. Geological Survey, 1966-73).	4.29		
58	Whitmans Pond Outlet (head of Weymouth Back River)	Lat 42°12'45", long 70°55'32", at Pleasant St., East Weymouth.	12.3	9-13-66	2.60
				10-10-66	1.79
				5- 2-67	21.1
				8-18-67	1.23
				8-22-67	1.13
				9- 7-67	3.75
				9-20-67	.49

Table 4.--Stream sites and discharge measurements (Continued)

Map number	Station name and U.S. Geological Survey number	Location	Drainage area (sq mi)	Date	Discharge (cubic feet per second)
59	Whitmans Pond Outlet tributary	Lat 42°12'45", long 70°55'30", at Water St., East Weymouth.	0.56	9-13-66	0
60	Whitmans Pond Outlet tributary No. 2 (01105614)	Lat 42°12'52", long 70°55'08", at Broad St., East Weymouth.	.38	9-13-66	0
				5- 2-67	.89
				8-18-67	.04
				8-22-67	.009
				9-23-68	0
61	Fresh River (01105617)	Lat 42°13'30", long 70°54'53", at Commercial St., 1.75 miles southwest of Hingham.	.91	9-13-66	.54
				10-10-66	.54
				5- 2-67	2.09
				8-18-67	.56
				8-22-67	.67
				9- 7-67	.60
				9-20-67	.40
				9-23-68	.17

a Chemical data only available (see table 5).

b Field estimate of discharge.

c Previously published as 3.70 square miles.

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
01104800 - NEPONSET RIVER NEAR FOXBORO MASS (LAT 42 05 08 LONG 071 15 25)												
OCT., 1966												
06...	0.40	12	270	50	11	3.4	27	5.2	32	24	28	0.7
01104820 - NEPONSET RIVER NEAR SOUTH WALPOLE MASS (LAT 42 07 28 LONG 071 15 10)												
OCT., 1966												
06...	2.4	7.9	150	130	13	3.2	23	2.2	20	23	42	.3
01104830 - SCHOOL MEADOW BROOK NEAR WALPOLE MASS (LAT 42 07 32 LONG 071 14 47)												
OCT., 1966												
06...	.66	8.2	480	380	10	2.4	11	.8	12	9.5	27	.1
SEP., 1967												
08...	.96	9.5	190	80	10	3.0	15	.9	14	7.7	40	.1
01104840 - NEPONSET RIVER AT WALPOLE MASS (LAT 42 08 28 LONG 071 15 25)												
OCT., 1966												
06...	2.7	6.2	270	100	12	3.4	21	2.2	21	21	37	.3
DEC.												
19...	8.2	8.0	230	110	14	1.3	18	1.6	13	20	35	.2
JAN., 1967												
25...	11	6.1	150	30	10	2.9	17	1.4	11	20	32	.2
MAR.												
23...	24	7.2	240	170	10	2.9	20	1.8	10	18	39	.1
MAY												
03...	20	2.3	180	160	10	2.5	19	1.6	13	18	35	.2
JUNE												
07...	20	3.4	390	130	15	2.4	18	1.7	18	15	42	.2
JULY												
06...	19	6.9	30	180	8.7	2.5	18	2.4	15	12	32	.3
AUG.												
10...	16	9.3	660	270	8.6	2.1	14	1.8	14	10	27	.2
OCT.												
12...	7.2	8.6	--	--	11	2.9	22	5.5	17	13	44	.2
01104850 - MINE BROOK AT WALPOLE MASS (LAT 42 09 14 LONG 071 15 52)												
OCT., 1966												
06...	1.3	8.2	130	60	6.8	2.4	7.6	.7	9	15	16	.2
SEP., 1967												
08...	3.8	8.8	500	40	5.2	1.7	7.6	.3	10	7.5	16	.1
01104860 - SPRING BROOK AT WALPOLE MASS (LAT 42 08 47 LONG 071 14 59)												
SEP., 1967												
08...	1.7	3.9	580	240	14	4.0	22	1.3	25	8.3	51	.2
01104890 - NEPONSET RIVER AT EAST WALPOLE MASS (LAT 42 09 47 LONG 071 12 56)												
OCT., 1966												
06...	--	4.7	360	260	18	4.8	80	3.2	5	121	74	.2
01104905 - MILL BROOK NEAR WESTWOOD MASS (LAT 42 12 22 LONG 071 14 24)												
SEP., 1967												
08...	.90	10	40	20	13	3.2	18	1.9	21	19	35	.2
01104910 - BUBBLING BROOK NEAR WESTWOOD MASS (LAT 42 12 04 LONG 071 15 01)												
SEP., 1967												
08...	.06	10	20	70	6.7	2.5	19	1.2	11	12	35	.2
01104940 - WILLETT POND OUTLET NEAR NORWOOD MASS (LAT 42 10 50 LONG 071 14 00)												
SEP., 1966												
23...	7.0	1.0	10	20	7.6	2.6	13	1.3	15	15	24	.2

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	LOSS ON IGNI- TION (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	SPECIFIC CONDUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	TEMPER- ATURE (DEG C)
01104800 - NEPONSET RIVER NEAR FOXBORO MASS (LAT 42 05 08 LONG 071 15 25)												
OCT., 1966												
06...	20	169	147	--	42	16	26	247	6.8	10	--	12.0
01104820 - NEPONSET RIVER NEAR SOUTH WALPOLE MASS (LAT 42 07 28 LONG 071 15 10)												
OCT., 1966												
06...	2.3	137	127	--	46	29	16	231	6.5	16	--	13.0
01104830 - SCHOOL MEADOW BROOK NEAR WALPOLE MASS (LAT 42 07 32 LONG 071 14 47)												
OCT., 1966												
06...	.8	85	76	--	35	25	10	135	6.5	8	--	12.0
SEP., 1967												
08...	.4	100	94	--	38	26	11	175	6.6	10	--	--
01104840 - NEPONSET RIVER AT WALPOLE MASS (LAT 42 08 28 LONG 071 15 25)												
OCT., 1966												
06...	.6	134	114	--	44	27	17	214	6.7	15	--	13.0
DEC.												
19...	2.2	120	107	10	40	30	11	190	6.3	51	--	3.0
JAN., 1967												
25...	2.4	111	97	19	37	28	9	178	6.3	20	--	4.0
MAR.												
23...	2.1	114	106	13	37	29	8	197	64.0	25	4	1.0
MAY												
03...	.9	113	96	17	35	24	11	184	6.8	50	2	13.0
JUNE												
07...	1.7	111	108	10	48	32	15	175	6.5	50	3	19.5
JULY												
06...	3.8	110	94	22	32	20	12	169	6.4	150	3	19.0
AUG.												
10...	2.3	116	82	33	30	18	11	146	6.4	180	--	23.0
OCT.												
12...	.6	143	116	--	40	26	14	213	6.3	55	--	14.0
01104850 - MINE BROOK AT WALPOLE MASS (LAT 42 09 14 LONG 071 15 52)												
OCT., 1966												
06...	1.3	83	63	21	27	20	7	105	6.4	38	--	11.0
SEP., 1967												
08...	.9	79	53	12	20	12	8	90	6.4	175	--	--
01104860 - SPRING BROOK AT WALPOLE MASS (LAT 42 08 47 LONG 071 14 59)												
SEP., 1967												
08...	.3	129	117	--	52	31	21	233	6.6	10	--	--
01104890 - NEPONSET RIVER AT EAST WALPOLE MASS (LAT 42 09 47 LONG 071 12 56)												
OCT., 1966												
06...	3.2	319	312	--	64	60	4	566	5.4	8	--	21.0
01104905 - MILL BROOK NEAR WESTWOOD MASS (LAT 42 12 22 LONG 071 14 24)												
SEP., 1967												
08...	2.4	134	113	--	46	28	17	210	6.8	8	--	--
01104910 - BUBBLING BROOK NEAR WESTWOOD MASS (LAT 42 12 04 LONG 071 15 01)												
SEP., 1967												
08...	.7	97	93	--	26	18	9	172	6.8	5	--	--
01104940 - WILLETT POND OUTLET NEAR NORWOOD MASS (LAT 42 10 50 LONG 071 14 00)												
SEP., 1966												
28...	1.4	79	74	--	30	18	12	141	6.6	10	--	15.5

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
01104960 - GERMANY BROOK NEAR NORWOOD MASS (LAT 42 11 04 LONG 071 13 29)												
SEP.. 1966												
28...	0.34	9.7	10	60	36	5.8	60	5.2	123	51	68	0.2
DEC.												
19...	1.3	10	260	390	24	5.5	25	2.5	32	47	45	.2
JAN., 1967												
25...	1.9	10	310	450	18	5.6	23	1.9	23	44	41	.2
MAR.												
23...	3.8	9.1	330	250	15	5.0	23	1.8	18	34	43	.2
MAY												
03...	5.2	6.4	260	240	14	4.0	21	1.8	18	30	37	.2
JUNE												
07...	2.6	6.0	100	300	20	4.2	24	2.3	24	28	51	.2
JULY												
07...	1.8	6.5	0	40	15	4.1	19	1.8	26	26	34	.3
AUG.												
11...	.30	10	320	90	18	4.9	22	2.5	34	26	40	.2
OCT.												
12...	.59	11	--	--	19	6.1	25	2.9	42	34	41	.2
01104980 - HAWES BROOK AT NORWOOD MASS (LAT 42 10 26 LONG 071 12 31)												
OCT., 1966												
06...	.74	1.9	40	50	12	3.1	18	1.7	27	12	32	.2
DEC.												
19...	2.7	4.7	140	120	20	3.4	25	2.0	28	32	47	.2
JAN., 1967												
25...	4.0	5.6	140	210	17	4.5	26	1.9	24	34	46	.1
MAR.												
23...	22	4.9	60	100	12	3.3	46	1.6	15	23	77	.2
MAY												
03...	10	3.4	100	130	12	3.0	19	1.5	16	24	34	.2
JUNE												
07...	12	2.9	280	370	12	3.0	20	2.0	38	15	29	.3
JULY												
07...	12	6.2	10	70	10	2.9	16	1.6	19	24	24	.2
AUG.												
11...	6.4	2.1	310	60	14	2.9	16	1.8	24	21	29	.1
OCT.												
12...	2.8	2.5	--	--	12	3.3	17	1.9	26	19	32	.2
01105000 - NEPONSET RIVER AT NORWOOD MASS. (LAT 42 10 39 LONG 071 12 05 01)												
MAY , 1958												
12...	125	2.5	430	0	6.3	1.8	8.7	1.0	12	19	8.0	.2
JUNE												
10...	34	5.1	460	150	30	2.2	19	1.2	24	36	48	.3
APR., 1959												
13...	120	3.5	310	40	5.0	2.5	9.1	1.4	9	23	9.3	.2
AUG.												
11...	29	9.6	1400	500	12	2.3	17	1.7	0	27	13	.1
SEP.. 1966												
28...	12	4.3	100	290	28	4.6	66	2.8	64	91	65	.2
DEC.												
19...	21	7.8	380	150	20	2.3	29	1.9	30	40	430	.1
JAN., 1967												
25...	24	8.3	200	180	20	4.2	37	1.9	33	51	47	.0
MAR.												
24...	72	6.7	250	130	12	3.0	51	1.6	15	27	80	.1
APR.												
25...	140	4.2	360	120	10	2.6	19	1.4	12	26	31	.2
JUNE												
09...	52	3.6	260	540	11	2.5	24	1.6	20	28	34	.3
JULY												
07...	56	8.8	20	60	11	2.9	16	1.4	21	18	28	.2
AUG.												
11...	41	8.4	450	190	12	2.7	24	1.8	22	27	35	.2
OCT.												
12...	28	2.6	--	--	12	3.1	29	2.4	10	45	40	.2
01105100 - TRAPHOLE BROOK NEAR NORWOOD MASS (LAT 42 09 36 LONG 071 11 47)												
OCT., 1966												
06...	1.6	13	70	110	15	5.2	20	1.0	29	13	46	.2
SEP., 1967												
08...	1.9	13	140	120	14	4.5	21	1.2	23	12	50	.2

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	LOSS ON IGNI- TION (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	SPECIFIC CONDUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	TEMPER- ATURE (DEG C)
01104960 - GERMANY BROOK NEAR NORWOOD MASS (LAT 42 11 04 LONG 071 13 29)												
SEP., 1966												
28...	1.2	299	297	--	114	13	101	515	7.5	8	--	14.0
DEC.												
19...	2.5	201	178	23	82	56	26	303	6.7	59	--	3.5
JAN., 1967												
25...	2.4	169	157	20	68	49	19	273	6.5	55	--	6.0
MAR.												
23...	3.2	169	144	36	60	46	15	260	6.6	50	3	3.5
MAY												
03...	1.9	137	125	16	52	36	15	225	7.1	55	6	13.0
JUNE												
07...	2.3	167	150	16	67	48	20	249	6.6	68	1	15.0
JULY												
07...	2.9	142	123	26	54	33	21	218	7.0	148	4	15.5
AUG.												
11...	2.4	167	143	25	65	37	28	247	7.1	120	--	16.5
OCT.												
12...	2.1	200	162	--	72	38	34	292	7.3	80	--	11.0
01104980 - HAWES BROOK AT NORWOOD MASS (LAT 42 10 26 LONG 071 12 31)												
OCT., 1966												
06...	1.0	101	95	--	43	21	22	194	6.8	8	--	11.0
DEC.												
19...	1.9	160	150	--	64	41	23	273	7.0	18	--	2.5
JAN., 1967												
25...	2.7	169	150	18	61	42	20	275	6.7	20	--	5.0
MAR.												
23...	2.2	189	178	20	44	32	12	347	6.5	25	5	3.0
MAY												
03...	1.8	120	107	23	42	30	13	198	7.0	25	2	14.5
JUNE												
07...	2.0	120	105	--	42	12	31	199	6.7	19	3	19.5
JULY												
07...	1.4	105	96	12	37	22	16	170	6.8	38	7	21.0
AUG.												
11...	.6	108	100	6	47	28	20	186	7.0	30	--	22.5
OCT.												
12...	.9	110	102	--	44	22	21	192	7.2	15	--	15.0
01105000 - NEPONSET RIVER AT NORWOOD MASS. (LAT 42 10 39 LONG 071 12 05 01)												
MAY , 1958												
12...	2.7	68	56	15	23	13	10	99	5.6	32	--	16.0
JUNE												
10...	1.2	229	155	32	84	65	20	292	5.8	23	--	20.5
APR., 1959												
13...	.5	68	60	5	26	18	7	105	6.1	40	--	10.5
AUG.												
11...	.9	128	--	--	40	40	0	167	4.2	110	--	26.0
SEP., 1966												
28...	.7	301	294	--	89	36	52	540	6.9	8	--	21.5
DEC.												
19...	.8	163	160	--	60	35	25	284	6.6	12	--	5.5
JAN., 1967												
25...	.9	194	186	--	67	40	27	340	6.6	4	--	8.0
MAR.												
24...	1.2	202	190	16	42	30	12	362	6.1	27	6	4.5
APR.												
25...	.9	108	101	11	36	26	10	184	6.8	40	15	10.5
JUNE												
08...	.8	125	116	10	38	21	16	211	6.4	52	8	21.0
JULY												
07...	1.3	103	98	8	40	22	17	169	6.5	60	2	21.5
AUG.												
11...	.6	150	123	20	41	23	18	218	6.6	81	--	24.5
OCT.												
12...	.3	168	140	--	43	35	8	264	6.4	10	--	17.0
01105100 - TRAPHOLE BROOK NEAR NORWOOD MASS (LAT 42 09 36 LONG 071 11 47)												
OCT., 1966												
06...	3.1	140	130	--	59	35	24	241	6.9	6	--	10.0
SEP., 1967												
08...	2.5	130	129	--	54	34	19	239	6.7	5	--	--

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
01105200 - MASSAPOAG BROOK AT SHARON MASS (LAT 42 06 53 LONG 071 10 19)												
OCT., 1966												
06...	1.7	1.1	30	150	4.3	1.5	6.8	0.9	3	16	10	0.4
SEP., 1967												
08...	2.8	3.6	320	260	4.7	1.6	7.7	.7	10	11	14	.3
01105255 - BEAVER BROOK AT SHARON MASS (LAT 42 07 59 LONG 071 10 41)												
SEP.. 1967												
08...	1.9	8.3	50	30	11	4.1	14	.3	31	16	25	.2
01105300 - STEEP HILL BROOK AT CANTON MASS (LAT 42 08 39 LONG 071 08 14)												
OCT., 1966												
05...	4.4	8.3	140	200	10	3.1	14	1.8	22	17	26	.2
SEP., 1967												
08...	5.9	6.6	240	120	9.6	3.0	14	1.4	25	14	25	.2
01105350 - READING BROOK AT CANTON MASS (LAT 42 08 59 LONG 071 07 36)												
OCT., 1966												
07...	1.2	12	340	200	9.9	3.4	18	1.2	11	13	41	.2
SEP.. 1967												
08...	.70	13	330	351	11	3.7	20	1.3	16	9.9	46	.2
01105450 - PEQUID BROOK AT CANTON MASS (LAT 42 10 03 LONG 071 08 04)												
OCT., 1966												
07...	1.6	.4	80	40	10	3.8	19	1.4	8	22	38	.2
SEP., 1967												
08...	2.2	3.4	1500	170	8.2	2.8	20	2.0	14	15	37	.3
01105500 - EAST BRANCH NEPONSET RIVER AT CANTON MASS (LAT 42 09 16 LONG 071 08 47)												
APR., 1959												
13...	95	2.5	320	40	5.5	2.0	6.7	1.3	8	11	11	.2
AUG.												
11...	24	8.4	560	210	8.0	2.2	7.6	1.2	20	10	12	.2
OCT., 1966												
07...	13	5.5	120	190	9.9	3.0	14	1.2	17	17	28	.2
DEC.												
20...	26	6.4	140	110	14	1.4	16	1.5	11	20	33	.2
JAN., 1967												
25...	37	6.1	120	130	9.2	2.7	15	1.3	11	18	29	.2
MAR.												
24...	72	6.4	100	70	9.0	2.7	22	1.4	10	18	39	.2
APR.												
25...	107	3.0	100	80	8.5	2.3	15	1.2	12	18	27	.2
JUNE												
08...	51	2.5	890	840	9.6	2.6	16	1.5	18	15	29	.3
JULY												
07...	33	5.6	0	140	8.9	2.9	14	1.2	21	12	27	.2
AUG.												
10...	25	6.4	350	190	10	2.7	14	1.2	23	9.5	26	.2
OCT.												
11...	17	7.1	--	--	9.6	3.0	14	1.7	20	14	28	.2
01105530 - PURGATORY BROOK NEAR NORWOOD MASS (LAT 42 12 33 LONG 071 11 06)												
SEP., 1966												
28...	.20	9.1	100	210	46	8.8	147	3.6	50	40	272	.1
SEP., 1967												
08...	.70	9.9	80	170	37	7.0	110	3.5	36	33	212	.1
01105554 - PONKAPOG BROOK NEAR CANTON MASS (LAT 42 12 12 LONG 071 08 09)												
OCT.. 1966												
07...	2.3	10	260	60	14	4.5	20	1.5	23	18	39	.2
SEP.. 1967												
08...	2.2	10	600	140	15	4.5	22	1.6	22	14	49	.2
01105556 - NEPONSET RIVER NEAR DEDHAM MASS (LAT 42 12 33 LONG 071 08 47)												
OCT., 1966												
07...	--	5.9	730	20	15	3.7	23	2.0	40	24	34	.2

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	LOSS ON IGNI- TION (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	SPECIFIC CONDUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	TEMPER- ATURE (DEG C)
01105200 - MASSAPOAG BROOK AT SHARON MASS (LAT 42 06 53 LONG 071 10 19)												
OCT., 1966												
06...	3.3	49	46	--	16	14	2	86	5.5	3	--	14.5
SEP., 1967												
08...	.2	60	49	--	18	10	8	91	6.4	10	--	--
01105255 - BEAVER BROOK AT SHARON MASS (LAT 42 07 59 LONG 071 10 41)												
SEP., 1967												
08...	1.5	111	95	--	44	19	25	170	7.0	14	--	--
01105300 - STEEP HILL BROOK AT CANTON MASS (LAT 42 08 39 LONG 071 08 14)												
OCT., 1966												
06...	3.8	98	95	--	38	20	18	174	6.8	16	--	13.0
SEP., 1967												
08...	1.6	104	87	--	36	16	21	158	6.9	10	--	--
01105350 - REDWING BROOK AT CANTON MASS (LAT 42 08 59 LONG 071 07 36)												
OCT., 1966												
07...	2.0	131	106	--	38	30	9	184	6.5	60	--	10.5
SEP., 1967												
08...	2.0	173	115	31	42	30	13	206	6.2	200	--	--
01105450 - PEQUID BROOK AT CANTON MASS (LAT 42 10 03 LONG 071 08 04)												
OCT., 1966												
07...	5.6	153	104	49	40	34	7	201	6.4	24	--	13.5
SEP., 1967												
08...	1.2	113	97	17	32	20	11	184	6.2	100	--	--
01105500 - EAST BRANCH NEPONSET RIVER AT CANTON MASS (LAT 42 09 16 LONG 071 08 47)												
APR., 1959												
13...	1.3	58	45	9	22	15	7	87	5.9	22	--	10.5
AUG.												
11...	1.4	76	61	8	29	13	16	98	5.7	80	--	24.5
OCT., 1966												
07...	2.1	96	89	--	37	23	14	165	6.7	14	--	11.5
DEC.												
20...	1.6	110	100	7	41	32	9	175	6.5	29	--	2.5
JAN., 1967												
25...	2.0	96	89	--	34	25	9	161	6.4	8	--	4.0
MAR.												
24...	1.9	113	106	9	34	26	8	198	6.5	29	--	2.5
APR.												
25...	1.3	94	82	13	30	20	10	152	6.9	35	3	9.5
JUNE												
08...	2.3	110	88	20	34	20	15	165	6.3	61	3	19.0
JULY												
07...	1.2	92	83	10	34	17	17	150	6.7	50	2	22.0
AUG.												
10...	.9	95	82	12	36	17	19	150	7.0	40	--	23.5
OCT.												
11...	.9	111	88	--	36	20	16	165	6.9	22	--	17.0
01105530 - PURGATORY BROOK NEAR NORWOOD MASS (LAT 42 12 33 LONG 071 11 06)												
SEP., 1966												
28...	7.7	568	558	--	151	110	41	1050	7.1	6	--	15.0
SEP., 1967												
08...	3.9	521	434	--	122	92	30	870	7.0	10	--	--
01105554 - PONKAPOG BROOK NEAR CANTON MASS (LAT 42 12 12 LONG 071 08 09)												
OCT., 1966												
07...	2.2	165	120	32	54	34	19	227	6.8	20	--	9.5
SEP., 1967												
08...	3.2	151	130	--	56	38	18	249	6.5	--	--	10.0
01105556 - NEPONSET RIVER NEAR DEDHAM MASS (LAT 42 12 33 LONG 071 08 47)												
OCT., 1966												
07...	.5	151	128	--	52	20	33	238	7.0	15	--	13.5

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
01105559 - NORROWAY BROOK AT NORTH RANDOLPH MASS (LAT 42 11 04 LONG 071 03 08)												
SEP., 1967												
08...	0.35	9.8	430	110	15	4.2	29	3.2	36	25	46	0.2
01105561 - FARM RIVER NEAR BRAINTREE MASS (LAT 42 12 30 LONG 071 02 27)												
OCT., 1966												
07...	<.10	16	730	730	18	4.0	41	1.6	20	16	84	.2
01105562 - FARM RIVER AT POND STREET BRAINTREE MASS (LAT 42 11 55 LONG 071 01 29)												
SEP., 1967												
08...	2.4	12	1200	640	14	3.2	42	1.6	16	11	85	.2
01105565 - TROUT BROOK NEAR S SHORE RD HOLBROOK MASS (LAT 42 08 25 LONG 071 00 50)												
SEP., 1967												
08...	.18	14	200	80	20	5.8	40	4.5	48	26	57	.3
01105569 - MARY LEE BROOK AT RANDOLPH MASS (LAT 42 09 39 LONG 071 01 44)												
SEP., 1967												
08...	.34	9.9	930	260	17	5.0	25	3.3	36	19	47	.2
01105571 - GLOVERS BROOK AT RANDOLPH MASS (LAT 42 10 09 LONG 071 02 12)												
SEP., 1967												
08...	.80	14	1300	260	22	6.0	45	4.1	31	16	93	.2
01105574 - COCHATO RIVER AT BRAINTRLE HIGHLANDS MASS (LAT 42 10 49 LONG 071 01 04)												
OCT., 1966												
26...	<8.0	9.0	730	250	13	4.9	21	3.2	24	27	39	.2
01105575 - CRANBERRY BROOK AT BRAINTREE HIGHLANDS MASS (LAT 42 11 02 LONG 071 00 42)												
OCT., 1966												
07...	.33	14	240	250	9.0	2.9	11	.9	15	23	16	.4
DEC.												
20...	2.0	10	230	250	11	.3	9.4	.8	7	20	15	.4
JAN., 1967												
26...	2.7	8.2	140	290	5.5	2.0	9.0	.9	6	18	14	.3
MAR.												
10...	8.9	8.0	140	200	5.2	1.9	9.0	1.0	4	16	14	.3
MAY												
03...	3.9	3.4	420	280	6.0	1.7	8.7	1.1	7	20	12	.3
25...	23	3.4	90	380	4.0	1.0	6.1	1.2	5	12	9.5	.3
JULY												
12...	1.0	8.6	100	350	7.1	2.6	11	1.6	14	20	16	.4
AUG.												
10...	.64	12	960	320	6.4	1.9	9.1	1.5	16	11	14	.3
OCT												
11...	.23	14	1300	300	7.5	2.6	9.6	1.4	8	14	18	.4
01105580 - MONATIQUOT RIVER AT SOUTH BRAINTREE MASS (LAT 42 11 51 LONG 071 00 31)												
OCT., 1966												
07...	6.1	10	170	110	10	3.6	20	2.2	17	11	37	.2
DEC.												
20...	19	7.9	100	50	18	2.4	21	2.0	13	32	42	.2
JAN., 1967												
25...	38	5.5	70	70	10	3.2	24	1.6	8	25	44	.1
MAR.												
05...	53	.1	60	70	12	3.2	31	1.9	15	24	53	.2
10...	110	6.4	90	80	11	3.4	32	2.0	11	26	57	.2
JUNE												
08...	37	2.0	520	1600	13	3.5	31	2.8	34	11	52	.3
JULY												
12...	20	12	0	2900	15	4.0	28	2.0	46	2.0	52	.3
AUG.												
10...	12	19	1700	1400	12	3.3	26	1.8	36	4.6	48	.2
OCT.												
11...	7.7	14	1000	510	13	3.5	27	2.9	30	16	50	.2

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	LOSS ON IGNI- TION (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	SPECIFIC CONDUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	TEMPER- ATURE (DEG C)
01105559 - NORROWAY BROOK AT NORTH RANDOLPH MASS (LAT 42 11 04 LONG 071 03 08)												
SEP.. 1967												
08...	2.4	177	153	20	54	25	30	281	6.8	27	--	--
01105561 - FARM RIVER NEAR BRAINTREE MASS (LAT 42 12 30 LONG 071 02 27)												
OCT.. 1966												
07...	1.0	198	--	--	62	45	16	368	6.7	14	--	9.5
01105562 - FARM RIVER AT POND STREET BRAINTREE MASS (LAT 42 11 55 LONG 071 01 29)												
SEP.. 1967												
08...	.4	216	--	--	48	35	13	344	6.5	30	--	--
01105565 - TROUT BROOK NEAR S SHORE RD HOLBROOK MASS (LAT 42 08 25 LONG 071 00 50)												
SEP.. 1967												
08...	18	227	210	3	74	34	39	382	6.4	22	--	--
01105569 - MARY LEE BROOK AT RANDOLPH MASS (LAT 42 09 39 LONG 071 01 44)												
SEP.. 1967												
08...	3.5	189	148	27	63	34	30	270	6.9	150	--	--
01105571 - GLOVERS BROOK AT RANDOLPH MASS (LAT 42 10 09 LONG 071 02 12)												
SEP.. 1967												
08...	5.0	277	220	28	80	54	25	423	6.8	80	--	--
01105574 - COCHATO RIVER AT BRAINTREE HIGHLANDS MASS (LAT 42 10 49 LONG 071 01 04)												
OCT.. 1966												
26...	.4	165	130	27	52	33	20	236	6.6	35	--	8.5
01105575 - CRANBERRY BROOK AT BRAINTREE HIGHLANDS MASS (LAT 42 11 02 LONG 071 00 42)												
OCT.. 1966												
07...	2.8	97	87	11	34	22	12	143	6.7	30	--	13.0
DEC.												
20...	2.2	76	72	5	28	23	6	110	6.1	51	--	1.5
JAN.. 1967												
26...	1.2	77	62	24	22	16	5	102	6.1	32	--	3.5
MAR.												
10...	2.0	64	61	4	21	18	3	103	6.0	25	7	1.5
MAY												
03...	2.1	69	59	10	--	16	6	104	6.6	45	10	11.0
25...	.8	50	41	10	14	10	4	73	5.8	35	10	9.0
JULY												
12...	3.5	91	78	22	28	16	11	118	6.5	200	4	20.5
AUG.												
10...	1.9	95	66	21	24	11	13	104	6.6	140	--	21.5
OCT.												
11...	1.2	104	73	23	29	22	7	121	6.8	60	3	16.0
01105580 - MONATIQUOT RIVER AT SOUTH BRAINTREE MASS (LAT 42 11 51 LONG 071 00 31)												
OCT.. 1966												
07...	13	132	115	20	40	26	14	203	6.6	35	--	10.5
DEC.												
20...	.6	141	132	10	55	44	11	228	6.6	25	--	1.0
JAN.. 1967												
26...	.5	122	118	--	38	32	7	224	6.3	14	--	1.0
MAR.												
05...	.3	148	133	15	43	31	12	261	7.0	32	1	12.5
10...	2.0	157	145	--	42	32	9	275	6.5	15	2	1.0
JUNE												
08...	.9	150	134	12	47	19	28	257	6.5	79	3	18.5
JULY												
12...	2.4	159	141	17	54	16	38	257	7.0	100	3	21.0
AUG.												
10...	1.0	157	134	21	44	14	30	230	6.9	80	--	22.0
OCT.												
11...	.6	162	142	21	47	22	25	243	7.1	37	3	15.5

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS-CHARGE (CFS)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MAN-GANESE (MN) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)
01105590 - MILL RIVER NEAR SOUTH WEYMOUTH MASS (LAT 42 11 35 LONG 070 57 35)												
OCT., 1966												
07...	0.70	13	1200	80	11	4.6	20	1.7	29	22	29	0.3
SEP., 1967												
08...	.40	12	520	80	11	4.7	18	2.1	38	17	26	.3
01105594 - OLD SWAMP RIVER AT FORREST ST ROCKLAND MASS (LAT 42 08 59 LONG 070 55 10)												
SEP., 1967												
08...	.10	9.5	10	60	12	3.4	19	3.9	18	20	35	.2
01105595 - OLD SWAMP RIVER AT SHARP ST HINGHAM MASS (LAT 42 09 46 LONG 070 55 23)												
SEP., 1967												
08...	.30	14	360	44	7.0	2.2	9.8	1.4	23	3.4	16	.2
01105598 - OLD SWAMP R AT PLEASANT ST S WEYMOUTH MASS (LAT 42 11 13 LONG 070 56 02.01)												
JULY, 1959												
28...	--	--	--	--	--	--	--	--	15	5.6	8.0	--
AUG.												
17...	--	--	--	--	--	--	--	--	17	11	14	--
SEP.												
15...	.65	--	--	--	--	--	--	--	40	13	11	--
22...	.44	--	--	--	--	--	--	--	25	15	11	--
OCT., 1966												
07...	2.0	11	240	30	9.5	3.3	22	1.3	16	20	32	.3
SEP., 1967												
08...	1.4	12	150	30	8.3	3.3	22	1.6	21	13	38	.2
01105600 - OLD SWAMP RIVER NEAR SOUTH WEYMOUTH MASS (LAT 42 11 25 LONG 070 56 43)												
DEC., 1966												
20...	6.2	10	200	320	14	1.1	21	1.3	9	24	36	.2
JAN., 1967												
26...	5.5	9.3	110	110	8.0	2.8	22	1.3	10	21	35	.1
MAR.												
09...	24	7.6	120	120	7.1	2.6	22	1.3	8	20	37	.2
MAY												
01...	7.3	5.8	120	120	8.2	2.8	23	1.5	12	21	37	.2
22...	6.2	5.6	90	100	7.6	2.5	22	1.6	14	16	33	.2
JULY												
12...	2.8	10	30	30	9.2	3.3	23	1.7	24	13	38	.2
AUG.												
10...	2.3	9.9	260	120	8.4	2.6	18	1.6	23	10	30	.2
OCT.												
11...	1.7	14	330	50	13	3.3	24	1.9	18	25	40	.2
01105610 - WHITMANS POND OUTLET AT EAST WEYMOUTH MASS (LAT 42 12 45 LONG 070 55 32)												
OCT., 1966												
10...	1.8	1.7	130	140	9.9	3.1	24	1.9	22	19	38	.2
SEP., 1967												
08...	3.8	1.4	580	120	7.7	2.6	18	1.9	20	13	28	.3
01105617 - FRESH RIVER NEAR HINGHAM MASS (LAT 42 13 30 LONG 070 54 53)												
OCT., 1966												
10...	.54	11	580	100	12	3.8	15	1.8	32	19	24	.2
SEP., 1967												
08...	.61	11	150	250	13	3.6	17	1.4	37	13	34	.2

TABLE 5.--CHEMICAL ANALYSES OF SURFACE WATER (CONTINUED)

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS- SOLVED SOLIDS (RESI- DUE AT 180 C) (MG/L)	DIS- SOLVED SOLIDS (SUM OF CONSTI- TUENTS) (MG/L)	LOSS ON IGNI- TION (MG/L)	HARD- NESS (CA,MG) (MG/L)	NON- CAR- BONATE HARD- NESS (MG/L)	ALKA- LINITY AS CACO3 (MG/L)	SPECIFIC CONDUCT- ANCE (MICRO- MHOS)	PH (UNITS)	COLOR (PLAT- INUM- COBALT UNITS)	TUR- BID- ITY (JTU)	TEMPER- ATURE (DEG C)
01105590 - MILL RIVER NEAR SOUTH WEYMOUTH MASS (LAT 42 11 35 LONG 070 57 35)												
OCT., 1966												
07...	2.6	153	118	25	46	22	24	201	6.9	100	--	15.0
SEP., 1967												
08...	2.8	147	113	23	47	16	31	199	7.0	82	--	--
01105594 - OLD SWAMP RIVER AT FORREST ST ROCKLAND MASS (LAT 42 08 59 LONG 070 55 10)												
SEP., 1967												
08...	5.4	126	117	--	44	29	15	221	6.6	5	--	--
01105595 - OLD SWAMP RIVER AT SHARP ST HINGHAM MASS (LAT 42 09 46 LONG 070 55 23)												
SEP., 1967												
08...	1.2	98	69	11	26	4	23	110	6.9	85	--	--
01105598 - OLD SWAMP R AT PLEASANT ST S WEYMOUTH MASS (LAT 42 11 13 LONG 070 56 02.01)												
JULY, 1959												
28...	3.8	--	--	--	28	16	12	77	6.0	300	--	19.5
AUG.												
17...	5.8	--	--	--	34	20	14	100	6.5	180	--	23.5
SEP.												
15...	4.1	--	--	--	42	9	33	138	6.7	100	--	13.5
22...	5.1	--	--	--	38	18	21	125	6.5	100	--	19.0
OCT., 1966												
07...	1.8	155	108	26	34	22	13	189	6.4	95	--	11.5
SEP., 1967												
08...	2.6	147	111	12	34	17	17	201	6.8	130	--	--
01105600 - OLD SWAMP RIVER NEAR SOUTH WEYMOUTH MASS (LAT 42 11 25 LONG 070 56 43)												
DEC., 1966												
20...	2.1	127	114	11	40	32	7	194	6.2	60	--	2.0
JAN., 1967												
26...	2.2	122	107	19	32	24	8	190	6.3	30	--	5.0
MAR.												
09...	2.5	122	104	26	28	22	7	192	6.3	45	30	3.0
MAY												
01...	2.0	111	107	13	32	22	10	194	7.0	55	2	10.5
22...	1.4	117	97	21	29	18	11	182	6.3	92	--	14.0
JULY												
12...	2.9	126	113	19	36	17	20	199	6.9	110	2	18.5
AUG.												
10...	1.6	110	93	20	32	12	19	163	6.9	120	--	20.5
OCT.												
11...	1.6	152	132	24	46	31	15	213	6.8	120	1	14.0
01105610 - WHITMANS POND OUTLET AT EAST WEYMOUTH MASS (LAT 42 12 45 LONG 070 55 32)												
OCT., 1966												
10...	1.9	151	111	39	38	20	18	212	6.7	24	--	15.5
SEP., 1967												
08...	1.1	104	84	15	30	13	16	166	6.6	60	--	--
01105617 - FRESH RIVER NEAR HINGHAM MASS (LAT 42 13 30 LONG 070 54 53)												
OCT., 1966												
10...	.2	124	103	14	46	20	26	181	6.9	20	--	14.0
SEP., 1967												
08...	.1	131	111	--	48	17	30	209	7.2	15	--	--

Table 6.--List of basic-data reports for Massachusetts and New Hampshire[1]

MASSACHUSETTS

*1 Wilmington-Reading Area, by John A. Baker and Edward A. Sammel, 1961, 2 figs. Covers an area of about 43 square miles in the upper part of the Ipswich River basin in northeastern Massachusetts.

*2 Lower Ipswich River basin, by Edward A. Sammel and John A. Baker, 1962, 47 p., 2 figs. Covers an area of about 110 square miles in northeastern Massachusetts.

3 Lowell Area, by John A. Baker and Richard G. Petersen, 1962, 28 p., 2 figs. Covers an area of about 115 square miles and includes most of the metropolitan area of the city of Lowell.

*4 Parker and Rowley River basins, by Edward A. Sammel, 1962, 33 p., 2 figs. The rivers drain an area of about 77 square miles in northeastern Massachusetts.

*5 Brockton-Pembroke Area, by Richard G. Petersen, 1962, 46 p., 2 figs. Covers an area of about 112 square miles in the northern part of Plymouth County.

*6 Western Massachusetts, by Richard G. Petersen and Anthony Maevsky, 1962, 31 p., 1 fig. Covers an area of about 2,865 square miles and includes all of Berkshire, Franklin, Hampshire, and Hampden Counties.

*7 Southeastern Massachusetts, by Anthony Maevsky and Janet A. Drake, 1963, 55 p., 2 figs. Covers an area of about 1,930 square miles and includes all of Barnstable, Bristol, Dukes, Nantucket, and Plymouth Counties (exclusive of the Brockton-Pembroke Area).

8 Assabet River basin, by Samuel J. Pollock and William B. Fleck, 1964, 45 p., 1 pl. Covers an area of approximately 177 square miles and includes parts of Middlesex and Worcester Counties.

*9 Housatonic River basin, by Ralph F. Norvitch and Mary E.S. Lamb, 1966, 50 p., 1 pl. Covers an area of about 530 square miles in the upper part of the basin, which is north of the Connecticut-Massachusetts state line.

10 Northern part, Ten Mile and Taunton River basins, by John R. Williams and Richard E. Willey, 1967, 56 p., 1 pl., 1 fig. Covers an area of about 195 square miles within Bristol, Norfolk, and Plymouth Counties.

11 Millers River basin, by Donald R. Wiesnet and William B. Fleck, 1967, 29 p., 1 pl., 1 fig. Covers an area of about 392 square miles within Franklin and Worcester Counties, Massachusetts, and Hillsborough and Cheshire Counties, New Hampshire.

Table 6.--List of basic-data reports for
Massachusetts and New Hampshire[1] (Continued)

MASSACHUSETTS (Continued)

12 Taunton River basin, by John R. Williams and Richard E. Willey, 1970, 102 p., 1 pl., 1 fig. Covers an area of about 528 square miles in Bristol, Norfolk, and Plymouth Counties, Massachusetts.

13 Deerfield River basin, by Bruce P. Hansen, Frederick B. Gay, and L.G. Toler, 1973, 59 p., 1 fig., 1 pl. Covers an area of 348 square miles in northwestern Massachusetts.

NEW HAMPSHIRE

*1 Southeastern Area, by Edward Bradley and Richard G. Petersen, 1962, 53 p., 5 figs. Covers an area of about 390 square miles in parts of Rockingham and Strafford Counties.

2 Lower Merrimack River valley, by James M. Weigle and Richard Kranes, 1966, 44 p., 1 pl. Covers an area of about 396 square miles in central-southern New Hampshire.

3 Ashuelot River basin, by Harold A. Whitcomb, 1973, 25 p., 1 pl. Covers an area of about 420 square miles in southwestern New Hampshire.

[1]These reports are available, free of charge, at the U.S. Geological Survey, 150 Causeway Street, Boston, MA 02114. An asterisk indicates that the report is out of print but may be consulted at the above office and at many public and educational institution libraries.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1973-702-098/36

MASSACHUSETTS HYDROLOGIC-SOCIO-ECONOMIC PLAN NO. 14

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

MASSACHUSETTS HYDROLOGIC-DATA REPORT NO. 14
PLATE 1

EXPLANATION

HYDROLOGIC-DATA COLLECTION SITES

GROUND-WATER SITES

Wells	Municipal wells	Observation wells	Auger (A), Bridge (B), Roadway (R) & Miscellaneous (X) borings	
○46	⊜20	✲30	✧A44	Penetrated only unconsolidated deposits
○32	⊜72	✲33	✧B8	Reached bedrock or refusal
●27	◉(none)	✲(none)	✧R2	Penetrated bedrock

SURFACE-WATER SITES

△ Discharge measurements

▲ Stream-gaging station

▼ Chemical analyses

Combined symbols indicate discharge and water-quality data collected at same site

Basin boundary

Base from topographic quadrangles
U.S. Geological Survey

SCALE 1:21 680

1 0 1 MILE

1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

MAP OF THE NEPONSET AND WEYMOUTH RIVER BASINS, MASSACHUSETTS, SHOWING SITES OF HYDROLOGIC DATA

1973